

# Colorimetric transformation $i = 2$

$$c_i^* = c_2^* = a c^{*b} \text{ with } a = 1,00; b = 0,50$$

$rgb \rightarrow cmy0_e^*$

|      |      |      |      |     |
|------|------|------|------|-----|
| 0.0  |      |      |      |     |
| 0.0  |      |      |      |     |
| 0.0  |      |      |      |     |
| 0.0  |      |      |      |     |
| 0.25 | 0.0  |      |      |     |
| 0.25 | 0.25 | 0.0  |      |     |
| 0.25 | 0.0  | 0.5  | 0.0  |     |
| 0.25 | 0.25 | 0.5  | 0.0  |     |
| 0.0  | 0.5  | 0.0  | 0.75 |     |
| 0.5  | 0.5  | 0.25 | 0.75 | 0.0 |
| 0.5  | 0.0  | 0.75 | 0.0  | 1.0 |
| 0.5  | 0.5  | 0.75 | 0.25 | 1.0 |
| 0.0  | 0.75 | 0.0  | 1.0  | 0.0 |
| 0.75 | 0.75 | 0.5  | 1.0  |     |
| 0.75 | 0.0  | 1.0  | 0.0  |     |
| 0.75 | 0.75 | 1.0  |      |     |
| 0.0  | 1.0  | 0.0  |      |     |
| 1.0  | 1.0  |      |      |     |
| 1.0  | 0.0  |      |      |     |
| 1.0  |      |      |      |     |
| 0.0  |      |      |      |     |

$rgb^* \rightarrow cmy0_{e2}^*$

|      |       |       |       |       |     |
|------|-------|-------|-------|-------|-----|
| 0.0  |       |       |       |       |     |
| 0.0  |       |       |       |       |     |
| 0.0  |       |       |       |       |     |
| 0.0  |       |       |       |       |     |
| 0.25 | 0.0   |       |       |       |     |
| 0.25 | 0.5   | 0.0   |       |       |     |
| 0.25 | 0.5   | 0.707 | 0.0   |       |     |
| 0.25 | 0.0   | 0.707 | 0.0   | 0.0   |     |
| 0.0  | 0.167 | 0.667 | 0.0   | 0.866 |     |
| 0.0  | 0.667 | 0.0   | 0.866 | 0.0   |     |
| 0.5  | 0.667 | 0.146 | 0.866 | 0.0   | 0.0 |
| 0.5  | 0.0   | 0.854 | 0.0   | 1.0   | 1.0 |
| 0.5  | 0.333 | 0.854 | 0.134 | 1.0   | 1.0 |
| 0.0  | 0.833 | 0.0   | 1.0   | 0.0   | 0.0 |
| 0.75 | 0.833 | 0.293 | 1.0   | 0.0   |     |
| 0.75 | 0.0   | 1.0   | 0.0   |       |     |
| 0.75 | 0.5   | 1.0   |       |       |     |
| 0.0  | 1.0   | 0.0   |       |       |     |
| 1.0  | 1.0   |       |       |       |     |
| 1.0  | 0.0   |       |       |       |     |
| 1.0  |       |       |       |       |     |
| 0.0  |       |       |       |       |     |

# Colorimetric transformation $i = 2$

$$c_i^* = c_2^* = a c^{*b} \text{ with } a = 1,00; b = 0,50$$

$rgb \rightarrow cmy0_e^*$

|      |      |      |      |     |
|------|------|------|------|-----|
| 0.0  |      |      |      |     |
| 0.0  |      |      |      |     |
| 0.0  |      |      |      |     |
| 0.0  |      |      |      |     |
| 0.25 | 0.0  |      |      |     |
| 0.25 | 0.25 | 0.0  |      |     |
| 0.25 | 0.0  | 0.0  |      |     |
| 0.25 | 0.25 | 0.5  | 0.0  |     |
| 0.0  | 0.25 | 0.0  | 0.0  |     |
| 0.5  | 0.5  | 0.25 | 0.75 | 0.0 |
| 0.5  | 0.0  | 0.25 | 0.0  | 0.0 |
| 0.5  | 0.5  | 0.75 | 0.25 | 1.0 |
| 0.0  | 0.5  | 0.0  | 0.25 | 0.0 |
| 0.75 | 0.75 | 0.5  | 1.0  |     |
| 0.75 | 0.0  | 0.5  | 0.0  |     |
| 0.75 | 0.75 | 1.0  |      |     |
| 0.0  | 0.75 | 0.0  |      |     |
| 1.0  | 1.0  |      |      |     |
| 1.0  | 0.0  |      |      |     |
| 1.0  |      |      |      |     |
| 0.0  |      |      |      |     |

$rgb^* \rightarrow cmy0_{e2}^*$

|      |       |       |       |     |  |
|------|-------|-------|-------|-----|--|
| 0.0  |       |       |       |     |  |
| 0.0  |       |       |       |     |  |
| 0.0  |       |       |       |     |  |
| 0.0  |       |       |       |     |  |
| 0.25 | 0.0   |       |       |     |  |
| 0.25 | 0.5   | 0.0   |       |     |  |
| 0.25 | 0.0   | 0.0   |       |     |  |
| 0.25 | 0.167 | 0.707 | 0.0   |     |  |
| 0.0  | 0.167 | 0.0   | 0.0   |     |  |
| 0.5  | 0.667 | 0.146 | 0.866 | 0.0 |  |
| 0.5  | 0.0   | 0.146 | 0.0   | 0.0 |  |
| 0.5  | 0.333 | 0.854 | 0.134 | 1.0 |  |
| 0.0  | 0.333 | 0.0   | 0.134 | 0.0 |  |
| 0.75 | 0.833 | 0.293 | 1.0   |     |  |
| 0.75 | 0.0   | 0.293 | 0.0   |     |  |
| 0.75 | 0.5   | 1.0   |       |     |  |
| 0.0  | 0.5   | 0.0   |       |     |  |
| 1.0  | 1.0   |       |       |     |  |
| 1.0  | 0.0   |       |       |     |  |
| 1.0  |       |       |       |     |  |
| 0.0  |       |       |       |     |  |

# Colorimetric transformation $i = 2$

$$c_i^* = c_2^* = a c^{*b} \text{ with } a = 1,00; b = 0,50$$

$rgb \rightarrow cmy0_e^*$

|      |      |      |      |     |
|------|------|------|------|-----|
| 0.0  |      |      |      |     |
| 0.0  |      |      |      |     |
| 0.0  |      |      |      |     |
| 0.0  |      |      |      |     |
| 0.25 | 0.25 |      |      |     |
| 0.25 | 0.25 | 0.5  |      |     |
| 0.25 | 0.0  | 0.0  |      |     |
| 0.25 | 0.5  | 0.5  | 0.75 |     |
| 0.0  | 0.25 | 0.0  | 0.0  |     |
| 0.5  | 0.5  | 0.75 | 0.75 | 1.0 |
| 0.5  | 0.0  | 0.25 | 0.0  | 0.0 |
| 0.5  | 0.75 | 0.75 | 1.0  | 1.0 |
| 0.0  | 0.5  | 0.0  | 0.25 | 0.0 |
| 0.75 | 0.75 | 1.0  | 1.0  |     |
| 0.75 | 0.0  | 0.5  | 0.0  |     |
| 0.75 | 1.0  | 1.0  |      |     |
| 0.0  | 0.75 | 0.0  |      |     |
| 1.0  | 1.0  |      |      |     |
| 1.0  | 0.0  |      |      |     |
| 1.0  |      |      |      |     |
| 0.0  |      |      |      |     |

$rgb^* \rightarrow cmy0_{e2}^*$

|      |       |       |       |     |  |
|------|-------|-------|-------|-----|--|
| 0.0  |       |       |       |     |  |
| 0.0  |       |       |       |     |  |
| 0.0  |       |       |       |     |  |
| 0.0  |       |       |       |     |  |
| 0.25 | 0.5   |       |       |     |  |
| 0.25 | 0.5   | 0.707 |       |     |  |
| 0.25 | 0.0   | 0.0   |       |     |  |
| 0.25 | 0.667 | 0.707 | 0.866 |     |  |
| 0.0  | 0.167 | 0.0   | 0.0   |     |  |
| 0.5  | 0.667 | 0.854 | 0.866 | 1.0 |  |
| 0.5  | 0.0   | 0.146 | 0.0   | 0.0 |  |
| 0.5  | 0.833 | 0.854 | 1.0   | 1.0 |  |
| 0.0  | 0.333 | 0.0   | 0.134 | 0.0 |  |
| 0.75 | 0.833 | 1.0   | 1.0   |     |  |
| 0.75 | 0.0   | 0.293 | 0.0   |     |  |
| 0.75 | 1.0   | 1.0   |       |     |  |
| 0.0  | 0.5   | 0.0   |       |     |  |
| 1.0  | 1.0   |       |       |     |  |
| 1.0  | 0.0   |       |       |     |  |
| 1.0  |       |       |       |     |  |
| 0.0  |       |       |       |     |  |

# Colorimetric transformation $i = 2$

$$c_i^* = c_2^* = a c^{*b} \text{ with } a = 1,00; b = 0,50$$

$rgb \rightarrow cmy0_e^*$

|      |      |      |      |     |
|------|------|------|------|-----|
| 0.0  |      |      |      |     |
| 0.0  |      |      |      |     |
| 0.0  |      |      |      |     |
| 0.0  |      |      |      |     |
| 0.25 | 0.25 |      |      |     |
| 0.25 | 0.0  | 0.5  |      |     |
| 0.25 | 0.0  | 0.0  |      |     |
| 0.0  | 0.5  | 0.0  | 0.75 |     |
|      | 0.25 | 0.0  | 0.0  |     |
| 0.5  | 0.25 | 0.75 | 0.0  | 1.0 |
| 0.5  | 0.0  | 0.25 | 0.0  | 0.0 |
| 0.5  | 0.75 | 0.25 | 1.0  | 0.0 |
| 0.0  | 0.5  | 0.0  | 0.25 | 0.0 |
|      | 0.5  | 1.0  | 0.25 |     |
| 0.75 | 0.5  | 0.0  | 0.5  |     |
| 0.75 | 0.0  | 0.5  | 0.0  |     |
| 0.75 | 1.0  | 0.5  |      |     |
| 0.0  | 0.75 | 0.0  |      |     |
| 1.0  | 0.75 |      |      |     |
| 1.0  | 0.0  |      |      |     |
| 1.0  |      |      |      |     |
| 0.0  |      |      |      |     |

$rgb^* \rightarrow cmy0_{e2}^*$

|      |       |       |       |     |  |
|------|-------|-------|-------|-----|--|
| 0.0  |       |       |       |     |  |
| 0.0  |       |       |       |     |  |
| 0.0  |       |       |       |     |  |
| 0.0  |       |       |       |     |  |
| 0.25 | 0.5   |       |       |     |  |
| 0.25 | 0.0   | 0.707 |       |     |  |
| 0.25 | 0.0   | 0.0   |       |     |  |
| 0.0  | 0.667 | 0.0   | 0.866 |     |  |
|      | 0.167 | 0.0   | 0.0   |     |  |
| 0.5  | 0.167 | 0.854 | 0.0   | 1.0 |  |
| 0.5  | 0.0   | 0.146 | 0.0   | 0.0 |  |
| 0.5  | 0.833 | 0.146 | 1.0   | 0.0 |  |
| 0.0  | 0.333 | 0.0   | 0.134 | 0.0 |  |
|      | 0.333 | 1.0   | 0.134 |     |  |
| 0.75 | 0.0   | 0.293 | 0.0   |     |  |
| 0.75 | 1.0   | 0.293 |       |     |  |
| 0.0  | 0.5   | 0.0   |       |     |  |
| 1.0  | 0.5   |       |       |     |  |
| 1.0  | 0.0   |       |       |     |  |
| 1.0  |       |       |       |     |  |
| 0.0  |       |       |       |     |  |

# Colorimetric transformation $i = 2$

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$rgb \rightarrow cmy0_e^*$

|      |      |      |      |     |
|------|------|------|------|-----|
| 0.0  |      |      |      |     |
| 0.0  |      |      |      |     |
| 0.0  |      |      |      |     |
| 0.0  | 0.25 |      |      |     |
| 0.25 | 0.0  | 0.5  |      |     |
| 0.25 | 0.0  | 0.5  |      |     |
| 0.25 | 0.5  | 0.0  | 0.75 |     |
| 0.0  | 0.5  | 0.0  | 0.75 |     |
| 0.5  | 0.25 | 0.75 | 0.0  | 1.0 |
| 0.5  | 0.0  | 0.75 | 0.0  | 1.0 |
| 0.5  | 0.75 | 0.25 | 1.0  | 0.0 |
| 0.0  | 0.75 | 0.0  | 1.0  | 0.0 |
| 0.75 | 0.5  | 1.0  | 0.25 |     |
| 0.75 | 0.0  | 1.0  | 0.0  |     |
| 0.75 | 1.0  | 0.5  |      |     |
| 0.0  | 1.0  | 0.0  |      |     |
| 1.0  | 0.75 |      |      |     |
| 1.0  | 0.0  |      |      |     |
| 1.0  |      |      |      |     |
| 0.0  |      |      |      |     |

$rgb^* \rightarrow cmy0_{e2}^*$

|      |       |       |       |     |
|------|-------|-------|-------|-----|
| 0.0  |       |       |       |     |
| 0.0  |       |       |       |     |
| 0.0  |       |       |       |     |
| 0.0  | 0.5   |       |       |     |
| 0.25 | 0.0   | 0.707 |       |     |
| 0.25 | 0.0   | 0.707 |       |     |
| 0.25 | 0.667 | 0.0   | 0.866 |     |
| 0.0  | 0.667 | 0.0   | 0.866 |     |
| 0.5  | 0.167 | 0.854 | 0.0   | 1.0 |
| 0.5  | 0.0   | 0.854 | 0.0   | 1.0 |
| 0.5  | 0.833 | 0.146 | 1.0   | 0.0 |
| 0.0  | 0.833 | 0.0   | 1.0   | 0.0 |
| 0.75 | 0.333 | 1.0   | 0.134 |     |
| 0.75 | 0.0   | 1.0   | 0.0   |     |
| 0.75 | 1.0   | 0.293 |       |     |
| 0.0  | 1.0   | 0.0   |       |     |
| 1.0  | 0.5   |       |       |     |
| 1.0  | 0.0   |       |       |     |
| 1.0  |       |       |       |     |
| 0.0  |       |       |       |     |

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|      |      |      |      |     |
|------|------|------|------|-----|
| 0.0  |      |      |      |     |
| 0.0  |      |      |      |     |
| 0.0  |      |      |      |     |
| 0.0  |      |      |      |     |
| 0.25 | 0.0  |      |      |     |
| 0.25 | 0.25 |      |      |     |
| 0.25 | 0.0  | 0.0  |      |     |
| 0.0  | 0.0  | 0.5  | 0.0  |     |
|      | 0.25 | 0.0  | 0.0  |     |
|      | 0.5  | 0.0  | 0.75 |     |
| 0.5  | 0.25 | 0.25 | 0.0  | 0.0 |
| 0.5  | 0.0  | 0.75 | 0.0  | 1.0 |
| 0.5  | 0.5  | 0.25 | 0.25 | 0.0 |
| 0.0  | 0.75 | 0.0  | 1.0  | 0.0 |
|      | 0.5  | 0.5  | 0.25 |     |
| 0.75 | 0.5  | 0.0  | 0.0  |     |
| 0.75 | 0.0  | 1.0  | 0.0  |     |
| 0.75 | 0.75 | 0.5  |      |     |
| 0.0  | 1.0  | 0.0  |      |     |
| 1.0  | 0.75 |      |      |     |
| 1.0  | 0.0  |      |      |     |
| 1.0  |      |      |      |     |
| 0.0  |      |      |      |     |

$rgb^* \rightarrow cmy0_{e2}^*$

|      |       |       |       |     |  |
|------|-------|-------|-------|-----|--|
| 0.0  |       |       |       |     |  |
| 0.0  |       |       |       |     |  |
| 0.0  |       |       |       |     |  |
| 0.0  |       |       |       |     |  |
| 0.25 | 0.0   |       |       |     |  |
| 0.25 | 0.0   |       |       |     |  |
| 0.25 | 0.0   | 0.0   |       |     |  |
| 0.0  | 0.167 | 0.0   | 0.0   |     |  |
|      | 0.667 | 0.0   | 0.866 |     |  |
| 0.5  | 0.167 | 0.146 | 0.0   | 0.0 |  |
| 0.5  | 0.0   | 0.854 | 0.0   | 1.0 |  |
| 0.5  | 0.333 | 0.146 | 0.134 | 0.0 |  |
| 0.0  | 0.833 | 0.0   | 1.0   | 0.0 |  |
|      | 0.333 | 0.293 | 0.134 |     |  |
| 0.75 | 0.0   | 1.0   | 0.0   |     |  |
| 0.75 | 0.5   | 0.293 |       |     |  |
| 0.0  | 1.0   | 0.0   |       |     |  |
| 1.0  | 0.5   |       |       |     |  |
| 1.0  | 0.0   |       |       |     |  |
| 1.0  |       |       |       |     |  |
| 0.0  |       |       |       |     |  |