

# Colorimetric transformation $i = 0$

$$c_i^* = c_0^* = a c^{*b} \text{ with } a = 1,00; b = 1,00$$

*rgb*  $\rightarrow$  *rgb*\*

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

*rgb*\*  $\rightarrow$  *rgb*\*<sub>0</sub>

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

# Colorimetric transformation $i = 0$

$$c_i^* = c_0^* = a c^{*b} \text{ with } a = 1,00; b = 1,00$$

$rgb \rightarrow rgb^*$

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

$rgb^* \rightarrow rgb_0^*$

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

# Colorimetric transformation $i = 0$

$$c_i^* = c_0^* = a c^{*b} \text{ with } a = 1,00; b = 1,00$$

$rgb \rightarrow rgb^*$

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

$rgb^* \rightarrow rgb_0^*$

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

# Colorimetric transformation $i = 0$

$$c_i^* = c_0^* = a c^{*b} \text{ with } a = 1,00; b = 1,00$$

$rgb \rightarrow rgb^*$

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

$rgb^* \rightarrow rgb_0^*$

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

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$$c_i^* = c_0^* = a c^{*b} \text{ with } a = 1,00; b = 1,00$$

$rgb \rightarrow rgb^*$

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

$rgb^* \rightarrow rgb_0^*$

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

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$$c_i^* = c_0^* = a c^{*b} \text{ with } a = 1,00; b = 1,00$$

$rgb \rightarrow rgb^*$

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

$rgb^* \rightarrow rgb_0^*$

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