

# Colorimetric transformation $i = 3$

$$c_i^* = c_3^* = a c^{*b} \text{ with } a = 1,00; b = 2,00$$

*rgb*  $\rightarrow$  *cmy0\**

|      |      |      |      |     |
|------|------|------|------|-----|
| 0.0  |      |      |      |     |
| 0.0  |      |      |      |     |
| 0.0  |      |      |      |     |
| 0.0  |      |      |      |     |
| 0.25 | 0.0  |      |      |     |
| 0.25 | 0.25 | 0.0  |      |     |
| 0.25 | 0.0  | 0.5  |      |     |
| 0.25 | 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  |      |      |      |     |

*olv\**  $\rightarrow$  *cmy0\**<sub>3</sub>

|      |       |       |       |     |
|------|-------|-------|-------|-----|
| 0.0  |       |       |       |     |
| 0.0  |       |       |       |     |
| 0.0  |       |       |       |     |
| 0.0  |       |       |       |     |
| 0.25 | 0.063 |       |       |     |
| 0.25 | 0.063 | 0.0   |       |     |
| 0.25 | 0.0   | 0.25  |       |     |
| 0.25 | 0.313 | 0.25  | 0.0   |     |
| 0.0  | 0.375 | 0.0   | 0.563 |     |
| 0.5  | 0.375 | 0.375 | 0.563 | 0.0 |
| 0.5  | 0.0   | 0.625 | 0.0   | 1.0 |
| 0.5  | 0.625 | 0.625 | 0.438 | 1.0 |
| 0.0  | 0.688 | 0.0   | 1.0   | 0.0 |
| 0.75 | 0.688 | 0.75  | 1.0   |     |
| 0.75 | 0.0   | 1.0   | 0.0   |     |
| 0.75 | 0.938 | 1.0   |       |     |
| 0.0  | 1.0   | 0.0   |       |     |
| 1.0  | 1.0   |       |       |     |
| 1.0  | 0.0   |       |       |     |
| 1.0  |       |       |       |     |
| 0.0  |       |       |       |     |

# Colorimetric transformation $i = 3$

$$c_i^* = c_3^* = a c^{*b} \text{ with } a = 1,00; b = 2,00$$

*rgb*  $\rightarrow$  *cmy0\**

|      |      |      |      |     |
|------|------|------|------|-----|
| 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  |      |      |      |     |

*olv\**  $\rightarrow$  *cmy0\**<sub>3</sub>

|      |       |       |       |     |  |
|------|-------|-------|-------|-----|--|
| 0.0  |       |       |       |     |  |
| 0.0  |       |       |       |     |  |
| 0.0  |       |       |       |     |  |
| 0.0  |       |       |       |     |  |
| 0.25 | 0.063 | 0.0   |       |     |  |
| 0.25 | 0.0   | 0.0   |       |     |  |
| 0.25 | 0.313 | 0.25  | 0.0   |     |  |
| 0.0  | 0.313 | 0.0   | 0.0   |     |  |
| 0.5  | 0.375 | 0.375 | 0.563 | 0.0 |  |
| 0.5  | 0.0   | 0.375 | 0.0   | 0.0 |  |
| 0.5  | 0.625 | 0.625 | 0.438 | 1.0 |  |
| 0.0  | 0.625 | 0.0   | 0.438 | 0.0 |  |
| 0.75 | 0.688 | 0.75  | 1.0   |     |  |
| 0.75 | 0.0   | 0.75  | 0.0   |     |  |
| 0.75 | 0.938 | 1.0   |       |     |  |
| 0.0  | 0.938 | 0.0   |       |     |  |
| 1.0  | 1.0   |       |       |     |  |
| 1.0  | 0.0   |       |       |     |  |
| 1.0  |       |       |       |     |  |
| 0.0  |       |       |       |     |  |

# Colorimetric transformation $i = 3$

$$c_i^* = c_3^* = a c^{*b} \text{ with } a = 1,00; b = 2,00$$

*rgb*  $\rightarrow$  *cmy0\**

|      |      |      |      |     |
|------|------|------|------|-----|
| 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  |      |      |      |     |

*olv\**  $\rightarrow$  *cmy0\**<sub>3</sub>

|      |       |       |       |     |  |
|------|-------|-------|-------|-----|--|
| 0.0  |       |       |       |     |  |
| 0.0  |       |       |       |     |  |
| 0.0  |       |       |       |     |  |
| 0.0  |       |       |       |     |  |
| 0.25 | 0.063 |       |       |     |  |
| 0.25 | 0.063 | 0.25  |       |     |  |
| 0.25 | 0.0   | 0.0   |       |     |  |
| 0.25 | 0.375 | 0.25  | 0.563 |     |  |
| 0.0  | 0.313 | 0.0   | 0.0   |     |  |
| 0.5  | 0.375 | 0.625 | 0.563 | 1.0 |  |
| 0.5  | 0.0   | 0.375 | 0.0   | 0.0 |  |
| 0.5  | 0.688 | 0.625 | 1.0   | 1.0 |  |
| 0.0  | 0.625 | 0.0   | 0.438 | 0.0 |  |
| 0.75 | 0.688 | 1.0   | 1.0   |     |  |
| 0.75 | 0.0   | 0.75  | 0.0   |     |  |
| 0.75 | 1.0   | 1.0   |       |     |  |
| 0.0  | 0.938 | 0.0   |       |     |  |
| 1.0  | 1.0   |       |       |     |  |
| 1.0  | 0.0   |       |       |     |  |
| 1.0  |       |       |       |     |  |
| 0.0  |       |       |       |     |  |

# Colorimetric transformation $i = 3$

$$c_i^* = c_3^* = a c^{*b} \text{ with } a = 1,00; b = 2,00$$

*rgb*  $\rightarrow$  *cmy0\**

|      |      |      |      |     |
|------|------|------|------|-----|
| 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  |      |      |      |     |

*olv\**  $\rightarrow$  *cmy0\**<sub>3</sub>

|      |       |       |       |     |  |
|------|-------|-------|-------|-----|--|
| 0.0  |       |       |       |     |  |
| 0.0  |       |       |       |     |  |
| 0.0  |       |       |       |     |  |
| 0.0  |       |       |       |     |  |
| 0.25 | 0.063 |       |       |     |  |
| 0.25 | 0.0   | 0.25  |       |     |  |
| 0.25 | 0.0   | 0.0   |       |     |  |
| 0.0  | 0.375 | 0.0   | 0.563 |     |  |
|      | 0.313 | 0.0   | 0.0   |     |  |
| 0.5  | 0.313 | 0.625 | 0.0   | 1.0 |  |
| 0.5  | 0.0   | 0.375 | 0.0   | 0.0 |  |
| 0.5  | 0.688 | 0.375 | 1.0   | 0.0 |  |
| 0.0  | 0.625 | 0.0   | 0.438 | 0.0 |  |
|      | 0.625 | 1.0   | 0.438 |     |  |
| 0.75 | 0.625 | 0.0   | 0.75  |     |  |
| 0.75 | 1.0   | 0.75  |       |     |  |
| 0.0  | 0.938 | 0.0   |       |     |  |
| 1.0  | 0.938 |       |       |     |  |
| 1.0  | 0.0   |       |       |     |  |
| 1.0  |       |       |       |     |  |
| 0.0  |       |       |       |     |  |

# Colorimetric transformation $i = 3$

$$c_i^* = c_3^* = a c^{*b} \text{ with } a = 1,00; b = 2,00$$

*rgb*  $\rightarrow$  *cmy0\**

|      |      |      |      |     |
|------|------|------|------|-----|
| 0.0  |      |      |      |     |
| 0.0  |      |      |      |     |
| 0.0  |      |      |      |     |
| 0.0  |      |      |      |     |
| 0.25 | 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  |      |      |      |     |

*olv\**  $\rightarrow$  *cmy0\**<sub>3</sub>

|      |       |       |       |     |
|------|-------|-------|-------|-----|
| 0.0  |       |       |       |     |
| 0.0  |       |       |       |     |
| 0.0  |       |       |       |     |
| 0.0  |       |       |       |     |
| 0.25 | 0.063 |       |       |     |
| 0.25 | 0.063 |       |       |     |
| 0.25 | 0.0   | 0.25  |       |     |
| 0.25 | 0.0   | 0.25  |       |     |
| 0.0  | 0.375 | 0.0   | 0.563 |     |
| 0.0  | 0.375 | 0.0   | 0.563 |     |
| 0.5  | 0.313 | 0.625 | 0.0   | 1.0 |
| 0.5  | 0.0   | 0.625 | 0.0   | 1.0 |
| 0.5  | 0.688 | 0.375 | 1.0   | 0.0 |
| 0.0  | 0.688 | 0.0   | 1.0   | 0.0 |
| 0.75 | 0.625 | 1.0   | 0.438 |     |
| 0.75 | 0.0   | 1.0   | 0.0   |     |
| 0.75 | 1.0   | 0.75  |       |     |
| 0.0  | 1.0   | 0.0   |       |     |
| 1.0  | 0.938 |       |       |     |
| 1.0  | 0.0   |       |       |     |
| 1.0  |       |       |       |     |
| 0.0  |       |       |       |     |

# Colorimetric transformation $i = 3$

$$c_i^* = c_3^* = a c^{*b} \text{ with } a = 1,00; b = 2,00$$

*rgb*  $\rightarrow$  *cmy0\**

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

*olv\**  $\rightarrow$  *cmy0\**<sub>3</sub>

|      |       |       |       |     |
|------|-------|-------|-------|-----|
| 0.0  |       |       |       |     |
| 0.0  |       |       |       |     |
| 0.0  |       |       |       |     |
| 0.0  |       |       |       |     |
| 0.25 | 0.063 |       |       |     |
| 0.25 | 0.0   | 0.0   |       |     |
| 0.25 | 0.0   | 0.25  |       |     |
| 0.0  | 0.313 | 0.0   | 0.0   |     |
|      | 0.375 | 0.0   | 0.563 |     |
| 0.5  | 0.313 | 0.375 | 0.0   | 0.0 |
| 0.5  | 0.0   | 0.625 | 0.0   | 1.0 |
| 0.5  | 0.625 | 0.375 | 0.438 | 0.0 |
| 0.0  | 0.688 | 0.0   | 1.0   | 0.0 |
|      | 0.625 | 0.75  | 0.438 |     |
| 0.75 | 0.0   | 1.0   | 0.0   |     |
| 0.75 | 0.938 | 0.75  |       |     |
| 0.0  | 1.0   | 0.0   |       |     |
| 1.0  | 0.938 |       |       |     |
| 1.0  | 0.0   |       |       |     |
| 1.0  |       |       |       |     |
| 0.0  |       |       |       |     |