

Converting Colors

CIELCh(45, 4.962, 260.523)

Have a look what the booklet for
CIELCh(45, 4.962, 260.523) contains.

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Color

CIELCh(45, 4.756, 260.967)

Conversions

Conversions Part 1

Format	Color
Hex	656B72
RGB	101, 107, 114
RGB Percent	40%, 42%, 45%
CMY	0.6033, 0.5798, 0.5523
CMYK	0.11, 0.06, 0.00, 0.55
HSL	212°, 6%, 42%
HSV	212°, 11%, 45%
XYZ	13.7040, 14.5417, 18.0510
YIQ	106.0040, -5.8230, 0.9050

Conversions

Conversions Part 2

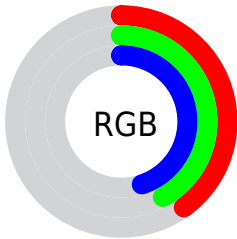
Format	Color
R _Y B	101, 105, 114
Decimal	6646642
CIE Lab	45.00, -0.75, -4.70
CIE LCh	45, 4.756, 260.967
Yxy	14.5417, 0.2960, 0.3141
Android (android.graphics.Color)	4284836722 (0xFF656B72)
YUV	106.0040, 3.9420, -4.3885
Hunter-Lab	38.1336, -2.5864, -1.3721

Details

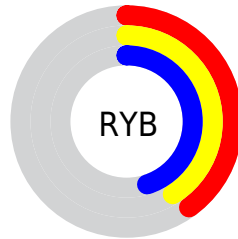
The CIELCh color $45, 4.756, 260.967$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $46, 4.849, 78.056$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 4.936, 263.889$, and $25, 4.652, 257.655$ is the 20% darker color. If you saturate the color by 10%, you get $42, 8.912, 262.438$, and if you desaturate by 10%, it is $48, 0.585, 260.000$.

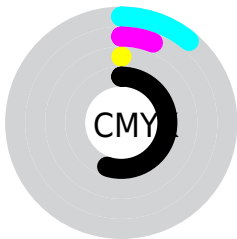
Distribution



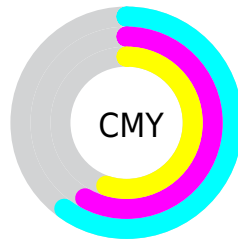
- Red (40%)
- Green (42%)
- Blue (45%)



- Red (40%)
- Yellow (41%)
- Blue (45%)



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (55%)



- Cyan (60%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 4.756, 260.967 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 45, 4.756, 260.967 by changing the saturation by 10% instead.

■ 45, 4.756, 260.967

■ 45, 4.756, 260.967

■ 100, 4.756,
260.967

■ 35, 4.756, 260.967

■ 65, 4.756, 260.967

■ 25, 4.756, 260.967

■ 75, 4.756, 260.967

■ 15, 4.756, 260.967

■ 85, 4.756, 260.967

■ 5, 4.756, 260.967

■ 95, 4.756, 260.967

■ 0, 4.756, 260.967

■ 45, 4.756, 260.967

■ 45, 4.756, 260.967

■ 42, 8.912, 262.438

■ 48, 0.585, 260.000

■ 40, 13.046,
264.195

■ 50, 3.587, 78.444

■ 37, 17.148,
266.262

■ 53, 7.751, 77.515

■ 34, 21.217,
268.685

■ 56, 11.899, 76.686

■ 59, 16.022, 75.955

■ 32, 25.259,
271.505

■ 61, 20.116, 75.306

■ 29, 29.295,
274.744

■ 64, 24.174, 74.729

■ 67, 28.193, 74.211

■ 27, 33.360,
278.384

■ 70, 32.170, 73.744

■ 25, 37.499,
282.348

■ 23, 41.190,
285.588

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



45, 4.756, 260.967



46, 4.849, 78.056

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



45, 4.756, 260.967



45, 4.756, 310.967



45, 4.756, 80.967



45, 4.756, 130.967

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



45, 4.755, 260.954



60, 1.554, 259.995



47, 6.400, 164.597



31, 1.170, 260.049



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45, 4.755, 260.954



57, 7.222, 261.367



43, 7.829, 292.556



22, 2.316, 260.638



24, 42.875, 285.838



50, 77.566, 288.440

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



44, 6.484, 346.670



55, 9.889, 346.943



48, 7.636, 110.505



22, 3.147, 346.450



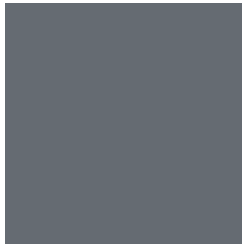
25, 48.375, 3.770



53, 82.497, 6.628

Previews

White Background



This preview shows how the CIELCh color 45, 4.756, 260.967 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 45, 4.756, 260.967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

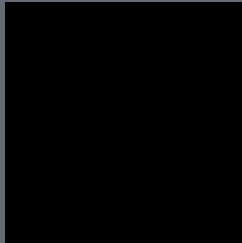
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

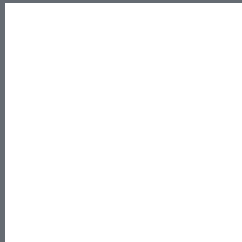
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 45, 4.756, 260.967

Background



This preview shows how black text looks on a background with the CIELCh color 45, 4.756, 260.967.



This preview shows how white text looks on a background with the CIELCh color 45, 4.756, 260.967.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

45, 4.756, 260.967

Protanopia

45, 4.181, 290.774

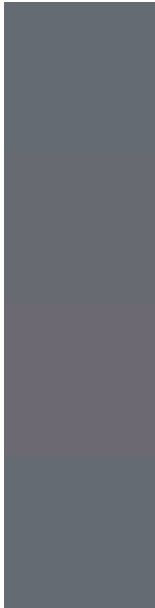
Deuteranopia

45, 8.261, 320.230



Tritanopia
45, 5.277, 264.349

Trichromacy



Original Color

45, 4.756, 260.967

Protanomaly

45, 4.243, 279.966

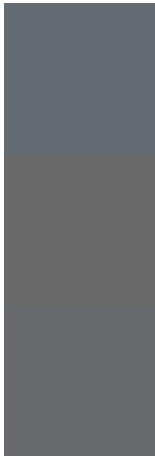
Deuteranomaly

45, 6.207, 305.907

Tritanomaly

45, 5.277, 264.349

Monochromacy



Original Color

45, 4.756, 260.967

Achromatopsia

45, 0.006, 296.813

Achromatomaly

45, 1.956, 266.068

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 4.756, 260.967 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(101, 107, 114)` looks like.

```
.text, #text, p{  
    color:rgb(101, 107, 114)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(101, 107, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 107, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 4.756, 260.967 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(101, 107, 114) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(101, 107, 114) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(101, 107, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 107, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 107, 114);  
box-shadow:4px 4px 4px 4px rgb(101, 107,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 4.756, 260.967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 107, 114) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(101,  
107, 114) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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