

Converting Colors

CIELCh(45, 2.697, 213.372)

Have a look what the booklet for
CIELCh(45, 2.697, 213.372) contains.

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Color

CIELCh(45, 2.862, 211.247)

Conversions

Conversions Part 1

Format	Color
Hex	656C6D
RGB	101, 108, 109
RGB Percent	40%, 42%, 43%
CMY	0.6046, 0.5772, 0.5733
CMYK	0.07, 0.01, 0.00, 0.57
HSL	187°, 4%, 41%
HSV	187°, 7%, 43%
XYZ	13.4392, 14.5417, 16.5135
YIQ	106.0210, -4.4930, -1.1730

Conversions

Conversions Part 2

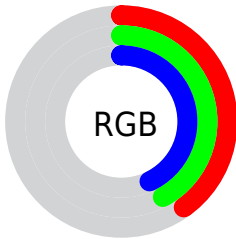
Format	Color
R_{YB}	101, 105, 109
Decimal	6646893
CIE Lab	45.00, -2.45, -1.48
CIE LCh	45, 2.862, 211.247
Yxy	14.5417, 0.3020, 0.3268
Android (android.graphics.Color)	4284836973 (0xFF656C6D)
YUV	106.0210, 1.4686, -4.4034
Hunter-Lab	38.1336, -3.8262, 1.0184

Details

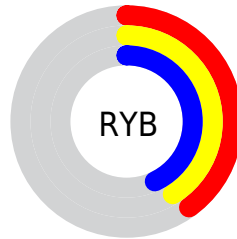
The CIELCh color **45, 2.862, 211.247** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **44, 2.992, 31.135**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 2.684, 211.308**, and **25, 3.116, 211.190** is the 20% darker color. If you saturate the color by 10%, you get **44, 6.583, 211.157**, and if you desaturate by 10%, it is **46, 1.054, 30.841**.

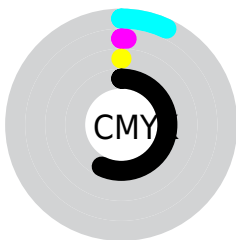
Distribution



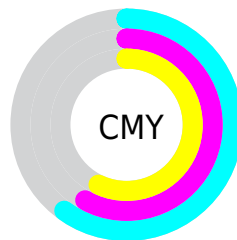
- Red (40%)
- Green (42%)
- Blue (43%)



- Red (40%)
- Yellow (41%)
- Blue (43%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (57%)



- Cyan (60%)
- Magenta (58%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 2.862, 211.247 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, 2.862, 211.247 by changing the saturation by 10% instead.

■ 45, 2.862, 211.247

■ 45, 2.862, 211.247

■ 100, 2.862,
211.247

■ 35, 2.862, 211.247

■ 65, 2.862, 211.247

■ 25, 2.862, 211.247

■ 75, 2.862, 211.247

■ 15, 2.862, 211.247

■ 85, 2.862, 211.247

■ 5, 2.862, 211.247

■ 95, 2.862, 211.247

■ 0, 2.862, 211.247

■ 45, 2.862, 211.247

■ 45, 2.862, 211.247

■ 44, 6.583, 211.157

■ 46, 1.054, 30.841

■ 43, 10.056,
211.248

■ 48, 5.122, 31.255

42, 13.225,
211.482

49, 9.301, 31.483

41, 16.033,
211.883

51, 13.559, 31.729

52, 17.869, 31.997

40, 18.427,
212.485

54, 22.209, 32.281

39, 20.362,
213.326

55, 26.563, 32.578

57, 30.918, 32.881

38, 21.811,
214.451

59, 35.262, 33.186

37, 22.775,
215.903

37, 23.384,
217.619

Harmonies

Complementary

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



45, 2.862, 211.247



44, 2.992, 31.135

Rectangle

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



45, 2.862, 211.247



45, 2.862, 261.247



45, 2.862, 31.247



45, 2.862, 81.247

Sweetspot

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



45, 2.862, 211.223



58, 0.971, 211.572



45, 5.371, 147.398



30, 0.557, 211.611



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



45, 2.862, 211.223



57, 4.297, 211.192



44, 3.183, 267.877



22, 2.152, 211.196



39, 24.825, 218.271



79, 42.568, 219.750

Inverse Universe

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



44, 5.354, 328.408



55, 8.084, 328.520



45, 3.192, 85.991



21, 4.044, 328.503



26, 59.273, 333.664



56, 101.438, 334.031

Previews

White Background



This preview shows how the CIELCh color 45, 2.862, 211.247 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, 2.862, 211.247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

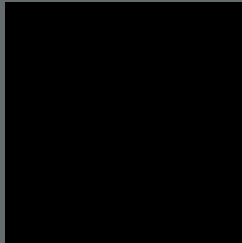
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

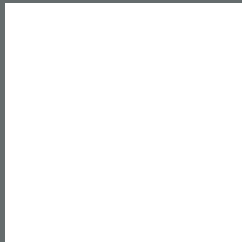
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 45, 2.862, 211.247

Background



This preview shows how black text looks on a background with the CIELCh color 45, 2.862, 211.247.



This preview shows how white text looks on a background with the CIELCh color 45, 2.862, 211.247.

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, 2.862, 211.247

Protanopia

45, 1.459, 324.425

Deuteranopia

45, 6.481, 340.145



Tritanopia
45, 5.124, 268.283

Trichromacy



Original Color
45, 2.862, 211.247

Protanomaly
45, 1.003, 236.220

Deuteranomaly
45, 3.636, 324.631

Tritanomaly
45, 4.058, 261.456

Monochromacy



Original Color
45, 2.862, 211.247

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 1.220, 199.545

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 2.862, 211.247 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, 108, 109)` looks like.

```
.text, #text, p{  
    color:rgb(101, 108, 109)  
}
```

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, 108, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 108, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 2.862, 211.247 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, 108, 109) }
```

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

```
.border{ border-color:rgb(101, 108, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 108, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 108, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 108, 109); box-shadow:4px 4px 4px 4px rgb(101, 108, 109) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 2.862, 211.247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 108, 109) }
```

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

```
.background{ background-color: rgb(101,  
108, 109) }
```

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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