

Converting Colors

CIELCh(50, 8.419, 18.747)

Have a look what the booklet for
CIELCh(50, 8.419, 18.747) contains.

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Color

CIELCh(50, 8.318, 16.342)

Conversions

Conversions Part 1

Format	Color
Hex	867273
RGB	134, 114, 115
RGB Percent	53%, 45%, 45%
CMY	0.4736, 0.5520, 0.5481
CMYK	0.00, 0.15, 0.14, 0.47
HSL	357°, 8%, 49%
HSV	357°, 15%, 53%
XYZ	19.0217, 18.4187, 18.8426
YIQ	120.0940, 11.5990, 4.5510

Conversions

Conversions Part 2

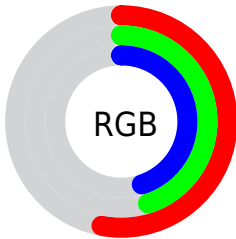
Format	Color
R_{YB}	134, 114, 115
Decimal	8811123
CIE Lab	50.00, 7.98, 2.34
CIE LCh	50, 8.318, 16.342
Yxy	18.4187, 0.3380, 0.3273
Android (android.graphics.Color)	4287001203 (0xFF867273)
YUV	120.0940, -2.5113, 12.1956
Hunter-Lab	42.9170, 4.0102, 4.0107

Details

The CIELCh color $50, 8.318, 16.342$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $54, 7.649, 194.357$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 8.117, 16.230$, and $30, 8.281, 16.421$ is the 20% darker color. If you saturate the color by 10%, you get $46, 14.381, 17.361$, and if you desaturate by 10%, it is $54, 2.643, 15.449$.

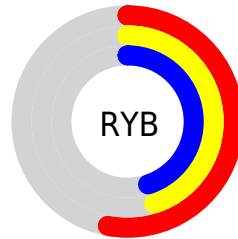
Distribution



Red (53%)

Green (45%)

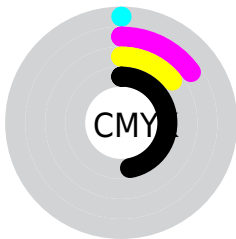
Blue (45%)



Red (53%)

Yellow (45%)

Blue (45%)

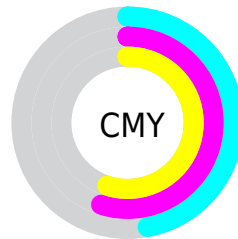


Cyan (0%)

Magenta (15%)

Yellow (14%)

Black (47%)



Cyan (47%)












Magenta (55%)









Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 8.318, 16.342 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 50, 8.318, 16.342 by changing the saturation by 10% instead.

 50, 8.318, 16.342	 50, 8.318, 16.342
 100, 8.318, 16.342	 40, 8.318, 16.342
 70, 8.318, 16.342	 30, 8.318, 16.342
 80, 8.318, 16.342	 20, 8.318, 16.342
 90, 8.318, 16.342	 10, 8.318, 16.342
	 0, 8.318, 16.342

 50, 8.318, 16.342	 50, 8.318, 16.342
 46, 14.381, 17.361	 54, 2.643, 15.449
 42, 20.816, 18.613	 58, 2.649, 195.105
 39, 27.559, 20.197	 62, 7.582, 194.466

35, 34.492, 22.215

66, 12.186,
193.993

33, 41.440, 24.777

71, 16.497,
193.600

30, 48.186, 27.958

29, 54.479, 31.701

75, 20.546,
193.264

27, 59.944, 35.550

79, 24.364,
192.974

27, 62.217, 36.752

83, 27.979,
192.720

87, 31.414,
192.495

Harmonies

Complementary

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



50, 8.318, 16.342



54, 7.649, 194.357

Rectangle

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



50, 8.318, 16.342



50, 8.318, 66.342



50, 8.318, 196.342



50, 8.318, 246.342

Sweetspot

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



50, 8.317, 16.351



69, 2.650, 15.360



50, 13.901, 323.827



35, 1.879, 15.434



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



50, 8.317, 16.351



62, 12.532, 16.682



52, 6.930, 68.134



26, 3.053, 15.837



26, 60.624, 36.515



0, 0.710, 15.261

Inverse Universe

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



50, 8.317, 16.351



62, 12.532, 16.682



52, 6.604, 251.710



26, 3.053, 15.837



26, 60.624, 36.515



0, 0.710, 15.261

Previews

White Background



This preview shows how the CIELCh color 50, 8.318, 16.342 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 50, 8.318, 16.342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

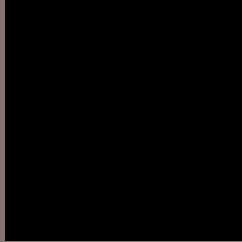
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 8.318, 16.342

Background



This preview shows how black text looks on a background with the CIELCh color 50, 8.318, 16.342.



This preview shows how white text looks on a background with the CIELCh color 50, 8.318, 16.342.

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

50, 8.318, 16.342

Protanopia

50, 1.213, 19.233

Deuteranopia

50, 7.039, 20.168



Tritanopia
50, 10.375, 350.301

Trichromacy



Original Color
50, 8.318, 16.342

Protanomaly
50, 3.676, 19.723

Deuteranomaly
50, 7.462, 20.220

Tritanomaly
50, 9.880, 356.232

Monochromacy



Original Color
50, 8.318, 16.342

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 2.847, 19.596

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 50, 8.318, 16.342 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(134, 114, 115)` looks like.

```
.text, #text, p{  
    color:rgb(134, 114, 115)  
}
```

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(134, 114, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 114, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 8.318, 16.342 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(134, 114, 115) }
```

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

```
.border{ border-color:rgb(134, 114, 115) }
```

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

Here you see how a box with a 4 pixel rgb(134, 114, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 114, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 114, 115);  
box-shadow:4px 4px 4px 4px rgb(134, 114,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 8.318, 16.342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 114, 115) }
```

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

```
.background{ background-color: rgb(134,  
114, 115) }
```

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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