

Converting Colors

CIELCh(50, 8.444, 304.479)

Have a look what the booklet for
CIELCh(50, 8.444, 304.479) contains.

CIELCh(50, 8.457, 304.483)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(50, 8.457, 304.483)

Conversions

Conversions Part 1

Format	Color
Hex	7A7583
RGB	122, 117, 131
RGB Percent	48%, 46%, 51%
CMY	0.5225, 0.5421, 0.4872
CMYK	0.07, 0.11, 0.00, 0.49
HSL	261°, 6%, 49%
HSV	261°, 11%, 51%
XYZ	18.4053, 18.4187, 23.9709
YIQ	120.0910, -1.5140, 5.4140

Conversions

Conversions Part 2

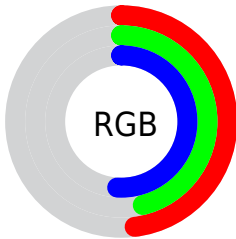
Format	Color
R_{YB}	122, 117, 131
Decimal	8025475
CIE Lab	50.00, 4.79, -6.97
CIE LCh	50, 8.457, 304.483
Yxy	18.4187, 0.3027, 0.3030
Android (android.graphics.Color)	4286215555 (0xFF7A7583)
YUV	120.0910, 5.3781, 1.6742
Hunter-Lab	42.9170, 1.4464, -3.0740

Details

The CIELCh color $50, 8.457, 304.483$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $54, 8.298, 123.396$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 8.453, 303.491$, and $30, 8.528, 302.962$ is the 20% darker color. If you saturate the color by 10%, you get $46, 16.620, 305.072$, and if you desaturate by 10%, it is $54, 0.552, 303.870$.

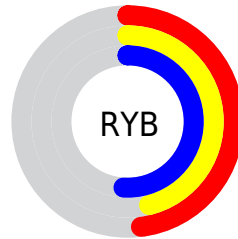
Distribution



Red (48%)

Green (46%)

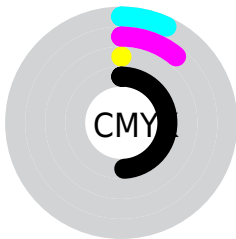
Blue (51%)



Red (48%)

Yellow (46%)

Blue (51%)

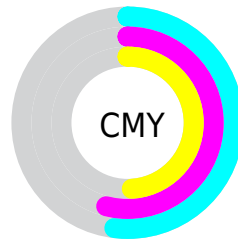


Cyan (7%)

Magenta (11%)

Yellow (0%)

Black (49%)



Cyan (52%)

Magenta (54%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 8.457, 304.483 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, 8.457, 304.483 by changing the saturation by 10% instead.

■ 50, 8.457, 304.483

■ 50, 8.457, 304.483

■ 100, 8.457,
304.483

■ 40, 8.457, 304.483

■ 70, 8.457, 304.483

■ 30, 8.457, 304.483

■ 80, 8.457, 304.483

■ 20, 8.457, 304.483

■ 90, 8.457, 304.483

■ 10, 8.457, 304.483

■ 0, 8.457, 304.483

■ 50, 8.457, 304.483

■ 50, 8.457, 304.483

■ 46, 16.620,
305.072

■ 54, 0.552, 303.870

■ 41, 25.033,
305.727

■ 59, 7.093, 123.506

■ 63, 14.488,

37, 33.660,
306.438

123.097

33, 42.418,
307.187

67, 21.645,
122.743

29, 51.147,
307.936

72, 28.576,
122.436

25, 59.552,
308.621

76, 35.293,
122.171

22, 67.154,
309.139

80, 41.810,
121.943

19, 73.288,
309.353

84, 48.139,
121.747

17, 78.015,
309.440

88, 54.291,
121.580

Harmonies

Complementary

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



50, 8.457, 304.483



54, 8.298, 123.396

Rectangle

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



50, 8.457, 304.483



50, 8.457, 354.483



50, 8.457, 124.483



50, 8.457, 174.483

Sweetspot

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



50, 8.456, 304.480



68, 2.918, 304.059



52, 4.463, 238.831



36, 2.231, 304.101



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, 8.456, 304.480



63, 12.834, 304.628



51, 9.462, 320.742



26, 4.496, 304.393



17, 77.705, 309.445



0, 1.062, 303.925

Inverse Universe

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



51, 7.704, 337.401



64, 11.669, 337.597



53, 9.419, 139.797



26, 4.102, 337.283



28, 54.466, 348.474



0, 0.975, 336.684

Previews

White Background



This preview shows how the CIE LCh color 50, 8.457, 304.483 looks on a white 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

Black Background



This preview shows how the CIE LCh color 50, 8.457, 304.483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

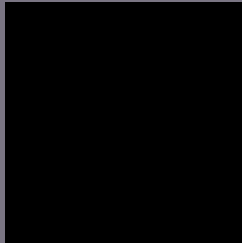
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

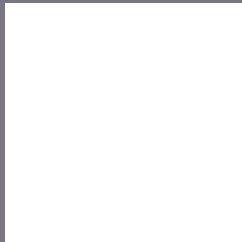
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 50, 8.457, 304.483

Background



This preview shows how black text looks on a background with the CIELCh color 50, 8.457, 304.483.



This preview shows how white text looks on a background with the CIELCh color 50, 8.457, 304.483.

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, 8.457, 304.483

Protanopia

50, 8.200, 288.568

Deuteranopia

50, 9.506, 312.936



Tritanopia
50, 6.091, 305.869

Trichromacy



Original Color
50, 8.457, 304.483

Protanomaly
50, 8.212, 293.922

Deuteranomaly
50, 9.367, 310.697

Tritanomaly
50, 6.657, 304.600

Monochromacy



Original Color
50, 8.457, 304.483

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 3.043, 305.671

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 8.457, 304.483 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(122, 117, 131)` looks like.

```
.text, #text, p{  
    color:rgb(122, 117, 131)  
}
```

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(122, 117, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 117, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 8.457, 304.483 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(122, 117, 131) }
```

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

```
.border{ border-color:rgb(122, 117, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 117, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 117, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 117, 131);  
box-shadow:4px 4px 4px 4px rgb(122, 117,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 8.457, 304.483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 117, 131) }
```

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

```
.background{ background-color: rgb(122,  
117, 131) }
```

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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