

Converting Colors

CIELCh(50, 35.516, 7.830)

Have a look what the booklet for
CIELCh(50, 35.516, 7.830) contains.

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Color

CIELCh(50, 35.561, 7.879)

Conversions

Conversions Part 1

Format	Color
Hex	B05E70
RGB	176, 94, 112
RGB Percent	69%, 37%, 44%
CMY	0.3096, 0.6312, 0.5606
CMYK	0.00, 0.47, 0.36, 0.31
HSL	347°, 34%, 53%
HSV	347°, 47%, 69%
XYZ	24.8479, 18.4187, 17.5862
YIQ	120.5700, 43.0940, 22.9820

Conversions

Conversions Part 2

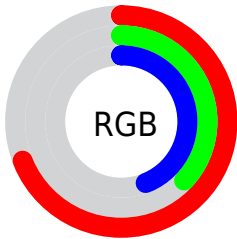
Format	Color
R_{YB}	176, 94, 112
Decimal	11558512
CIE _{Lab}	50.00, 35.23, 4.87
CIE _{LCh}	50, 35.561, 7.879
Yxy	18.4187, 0.4083, 0.3027
Android (android.graphics.Color)	4289748592 (0xFFB05E70)
YUV	120.5700, -4.2250, 48.6121
Hunter-Lab	42.9170, 28.2425, 5.7464

Details

The CIELCh color **50, 35.561, 7.879** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **66, 29.519, 177.158**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 35.737, 7.485**, and **30, 35.845, 8.328** is the 20% darker color. If you saturate the color by 10%, you get **46, 43.382, 10.124**, and if you desaturate by 10%, it is **54, 27.576, 6.081**.

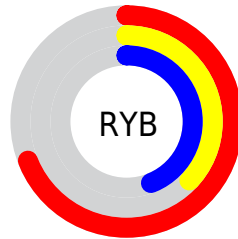
Distribution



Red (69%)

Green (37%)

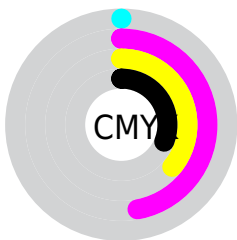
Blue (44%)



Red (69%)

Yellow (37%)

Blue (44%)

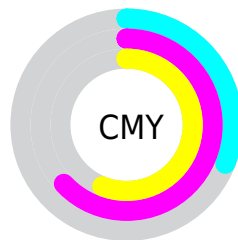


Cyan (0%)

Magenta (47%)

Yellow (36%)

Black (31%)



Cyan (31%)









Magenta (63%)









Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 35.561, 7.879 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, 35.561, 7.879 by changing the saturation by 10% instead.

 50, 35.561, 7.879	 50, 35.561, 7.879
 100, 35.561, 7.879	 40, 35.561, 7.879
 70, 35.561, 7.879	 30, 35.561, 7.879
 80, 35.561, 7.879	 20, 35.561, 7.879
 90, 35.561, 7.879	 10, 35.561, 7.879
	 0, 35.561, 7.879

 50, 35.561, 7.879	 50, 35.561, 7.879
 46, 43.382, 10.124	 54, 27.576, 6.081
 43, 50.746, 12.951	 59, 19.671, 4.609
 40, 57.344, 16.515	 64, 11.998, 3.375

■ 38, 62.989, 20.918

■ 69, 4.646, 2.282

■ 37, 67.751, 26.045

■ 74, 2.348, 181.687

■ 37, 69.386, 27.742

■ 79, 8.979, 180.766

■ 84, 15.260,
180.058

■ 89, 21.216,
179.436

■ 94, 26.873,
178.879

Harmonies

Complementary

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



50, 35.561, 7.879



66, 29.519, 177.158

Rectangle

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



50, 35.561, 7.879



50, 35.561, 57.879



50, 35.561, 187.879



50, 35.561, 237.879

Sweetspot

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



50, 35.559, 7.881



82, 12.499, 3.113



50, 51.820, 319.752



42, 8.664, 3.349



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



50, 35.559, 7.881



60, 53.268, 10.225



55, 30.333, 45.887



35, 4.073, 2.580



32, 62.236, 27.058



2, 9.459, 5.604

Inverse Universe

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



50, 35.559, 7.881



60, 53.268, 10.225



61, 22.101, 232.245



35, 4.073, 2.580



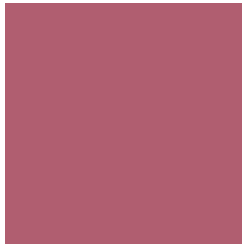
32, 62.236, 27.058



2, 9.459, 5.604

Previews

White Background



This preview shows how the CIELCh color 50, 35.561, 7.879 looks on a white background.

Color Contrast Check

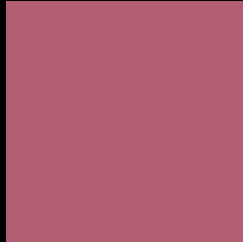
Large Text (above 18pt) WCAG AA ✓ Pass

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, 35.561, 7.879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

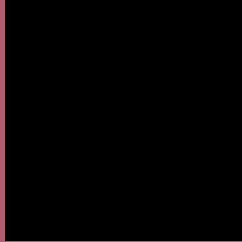
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 35.561, 7.879

Background



This preview shows how black text looks on a background with the CIELCh color 50, 35.561, 7.879.



This preview shows how white text looks on a background with the CIELCh color 50, 35.561, 7.879.

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, 35.561, 7.879

Protanopia

50, 4.121, 296.191

Deuteranopia

50, 9.443, 45.668



Tritanopia
50, 34.286, 17.522

Trichromacy



Original Color
50, 35.561, 7.879

Protanomaly
50, 13.826, 353.557

Deuteranomaly
50, 18.376, 18.093

Tritanomaly
50, 34.603, 13.929

Monochromacy



Original Color
50, 35.561, 7.879

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 13.033, 2.854

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 35.561, 7.879 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(176, 94, 112)` looks like.

```
.text, #text, p{  
    color:rgb(176, 94, 112)  
}
```

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(176, 94, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 94, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 35.561, 7.879 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(176, 94, 112) }
```

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

```
.border{ border-color:rgb(176, 94, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 94, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 94, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 94, 112);  
box-shadow:4px 4px 4px 4px rgb(176, 94,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 35.561, 7.879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 94, 112) }
```

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

```
.background{ background-color: rgb(176, 94,  
112) }
```

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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