

Converting Colors

CIELCh(50, 11.355, 325.078)

Have a look what the booklet for
CIELCh(50, 11.355, 325.078)
contains.

CIELCh(50, 11.339, 325.074)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(50, 11.339, 325.074)

Conversions

Conversions Part 1

Format	Color
Hex	827282
RGB	130, 114, 130
RGB Percent	51%, 45%, 51%
CMY	0.4899, 0.5526, 0.4899
CMYK	0.00, 0.12, 0.00, 0.49
HSL	300°, 7%, 48%
HSV	300°, 12%, 51%
XYZ	19.2794, 18.4187, 23.6866
YIQ	120.6080, 4.4000, 8.3680

Conversions

Conversions Part 2

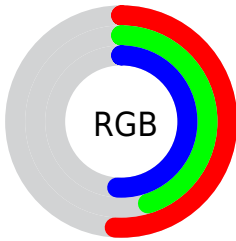
Format	Color
R_{YB}	130, 114, 130
Decimal	8548994
CIE Lab	50.00, 9.30, -6.49
CIE LCh	50, 11.339, 325.074
Yxy	18.4187, 0.3141, 0.3001
Android (android.graphics.Color)	4286739074 (0xFF827282)
YUV	120.6080, 4.6303, 8.2368
Hunter-Lab	42.9170, 5.0820, -2.6813

Details

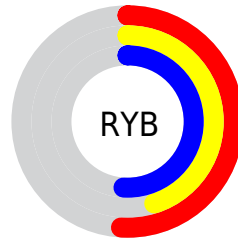
The CIELCh color $50, 11.339, 325.074$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 11.323, 143.748$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 11.300, 324.924$, and $30, 11.575, 325.351$ is the 20% darker color. If you saturate the color by 10%, you get $47, 20.612, 325.607$, and if you desaturate by 10%, it is $54, 2.110, 324.475$.

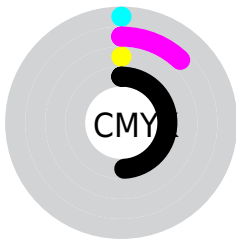
Distribution



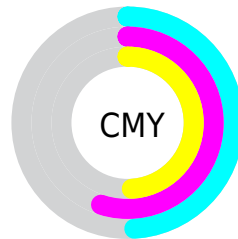
- Red (51%)
- Green (45%)
- Blue (51%)



- Red (51%)
- Yellow (45%)
- Blue (51%)



- Cyan (0%)
- Magenta (12%)
- Yellow (0%)
- Black (49%)





- Cyan (49%)
- Magenta (55%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 11.339, 325.074 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, 11.339, 325.074 by changing the saturation by 10% instead.


 50, 11.339,
325.074


 50, 11.339,
325.074


 100, 11.339,
325.074


 40, 11.339,
325.074


 70, 11.339,
325.074

 30, 11.339,
325.074


 80, 11.339,
325.074


 20, 11.339,
325.074

 90, 11.339,
325.074

 10, 11.339,
325.074

 0, 11.339, 325.074

 50, 11.339,
325.074

 50, 11.339,
325.074

47, 20.612,
325.607

54, 2.110, 324.475

43, 29.790,
326.122

57, 6.970, 144.072

40, 38.665,
326.609

61, 15.842,
143.552

38, 46.972,
327.055

65, 24.471,
143.063

35, 54.397,
327.443

69, 32.841,
142.599

33, 60.609,
327.761

72, 40.947,
142.160

32, 65.323,
327.997

76, 48.795,
141.748

31, 68.387,
328.148

80, 56.392,
141.362

30, 70.135,

84, 63.751,
141.002

328.234

Harmonies

Complementary

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



50, 11.339, 325.074



53, 11.323, 143.748

Rectangle

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



50, 11.339, 325.074



50, 11.339, 15.074



50, 11.339, 145.074



50, 11.339, 195.074

Sweetspot

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



50, 11.337, 325.074



67, 4.531, 324.608



49, 9.423, 291.426



35, 3.206, 324.649



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



50, 11.337, 325.074



62, 17.088, 325.238



50, 8.002, 344.615



26, 5.272, 324.902



30, 70.123, 328.234



0, 1.256, 324.440

Inverse Universe

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



50, 11.337, 325.074



62, 17.088, 325.238



53, 7.880, 162.687



26, 5.272, 324.902



30, 70.123, 328.234



0, 1.256, 324.440

Previews

White Background



This preview shows how the CIELCh color 50, 11.339, 325.074 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 CIELCh color 50, 11.339, 325.074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

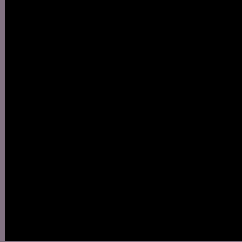
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 11.339, 325.074

Background



This preview shows how black text looks on a background with the CIELCh color 50, 11.339, 325.074.



This preview shows how white text looks on a background with the CIELCh color 50, 11.339, 325.074.

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, 11.339, 325.074

Protanopia
50, 8.785, 288.829

Deuteranopia
50, 9.130, 316.605



Tritanopia
50, 7.727, 337.416

Trichromacy



Original Color
50, 11.339, 325.074

Protanomaly
50, 9.027, 303.664

Deuteranomaly
50, 10.018, 319.286

Tritanomaly
50, 8.555, 331.663

Monochromacy



Original Color
50, 11.339, 325.074

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 4.271, 324.653

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 11.339, 325.074 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(130, 114, 130)` looks like.

```
.text, #text, p{  
    color:rgb(130, 114, 130)  
}
```

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(130, 114, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 114, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 11.339, 325.074 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(130, 114, 130) }
```

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

```
.border{ border-color:rgb(130, 114, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 114, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 114, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 114, 130);  
box-shadow:4px 4px 4px 4px rgb(130, 114,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 11.339, 325.074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 114, 130) }
```

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

```
.background{ background-color: rgb(130,  
114, 130) }
```

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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