

Converting Colors

CIELCh(50, 11.121, 289.674)

Have a look what the booklet for
CIELCh(50, 11.121, 289.674)
contains.

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Color

CIELCh(50, 11.121, 289.674)

Conversions

Conversions Part 1

Format	Color
Hex	757689
RGB	117, 118, 137
RGB Percent	46%, 46%, 54%
CMY	0.5427, 0.5387, 0.4643
CMYK	0.15, 0.14, 0.00, 0.46
HSL	237°, 8%, 50%
HSV	237°, 15%, 54%
XYZ	18.2067, 18.4187, 26.1165
YIQ	119.8670, -6.6950, 5.6970

Conversions

Conversions Part 2

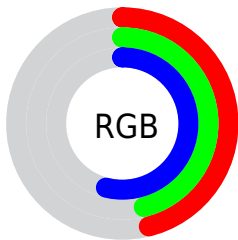
Format	Color
R_{YB}	117, 118, 137
Decimal	7698057
CIE Lab	50.00, 3.74, -10.47
CIE LCh	50, 11.121, 289.674
Yxy	18.4187, 0.2902, 0.2936
Android (android.graphics.Color)	4285888137 (0xFF757689)
YUV	119.8670, 8.4466, -2.5144
Hunter-Lab	42.9170, 0.6206, -6.0383

Details

The CIELCh color $50, 11.121, 289.674$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $56, 10.802, 106.673$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 10.958, 289.397$, and $30, 10.883, 290.067$ is the 20% darker color. If you saturate the color by 10%, you get $45, 19.075, 290.968$, and if you desaturate by 10%, it is $55, 3.461, 288.573$.

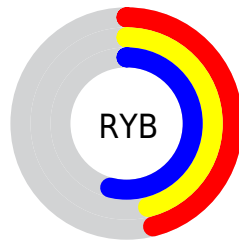
Distribution



Red (46%)

Green (46%)

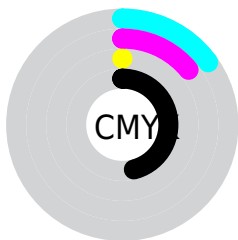
Blue (54%)



Red (46%)

Yellow (46%)

Blue (54%)

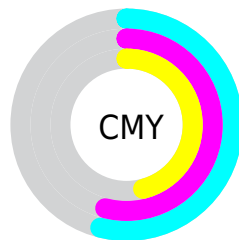


Cyan (15%)

Magenta (14%)

Yellow (0%)

Black (46%)



Cyan (54%)


Magenta (54%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 11.121, 289.674 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, 11.121, 289.674 by changing the saturation by 10% instead.


 50, 11.121,
289.674


 50, 11.121,
289.674


 100, 11.121,
289.674


 40, 11.121,
289.674


 70, 11.121,
289.674

 30, 11.121,
289.674


 80, 11.121,
289.674


 20, 11.121,
289.674

 90, 11.121,
289.674

 10, 11.121,
289.674

 0, 11.121, 289.674

 50, 11.121,
289.674

 50, 11.121,
289.674

45, 19.075,
290.968

55, 3.461, 288.573

40, 27.349,
292.485

59, 3.923, 107.589

36, 35.960,
294.244

64, 11.054,
106.785

31, 44.898,
296.250

69, 17.947,
106.085

27, 54.080,
298.466

73, 24.618,
105.478

22, 63.243,
300.781

78, 31.082,
104.950

19, 71.793,
302.984

82, 37.350,
104.488

16, 78.719,
304.775

87, 43.434,
104.083

15, 81.555,

91, 49.345,
103.725

305.424

Harmonies

Complementary

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



50, 11.121, 289.674



56, 10.802, 106.673

Rectangle

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



50, 11.121, 289.674



50, 11.121, 339.674



50, 11.121, 109.674



50, 11.121, 159.674

Sweetspot

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



50, 11.120, 289.671



70, 3.715, 288.520



55, 7.652, 192.932



36, 2.632, 288.586



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



50, 11.120, 289.671



62, 17.136, 290.136



50, 12.208, 307.401



27, 4.274, 289.045



15, 79.725, 305.393



0, 1.954, 288.097

Inverse Universe

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



51, 8.277, 16.304



64, 12.833, 16.661



56, 11.940, 126.038



27, 3.152, 15.817



27, 61.586, 36.650



0, 1.419, 15.236

Previews

White Background



This preview shows how the CIELCh color 50, 11.121, 289.674 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, 11.121, 289.674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

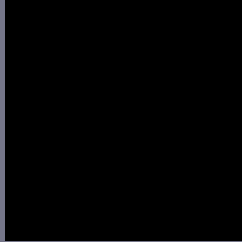
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 11.121, 289.674

Background



This preview shows how black text looks on a background with the CIELCh color 50, 11.121, 289.674.



This preview shows how white text looks on a background with the CIELCh color 50, 11.121, 289.674.

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, 11.121, 289.674

Protanopia

50, 11.133, 287.749

Deuteranopia

50, 12.558, 302.198



Tritanopia
50, 5.461, 274.408

Trichromacy



Original Color
50, 11.121, 289.674

Protanomaly
50, 11.133, 287.749

Deuteranomaly
50, 11.792, 297.205

Tritanomaly
50, 7.638, 285.410

Monochromacy



Original Color
50, 11.121, 289.674

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 4.102, 290.722

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 11.121, 289.674 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(117, 118, 137)` looks like.

```
.text, #text, p{  
    color:rgb(117, 118, 137)  
}
```

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(117, 118, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 118, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 11.121, 289.674 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(117, 118, 137) }
```

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

```
.border{ border-color:rgb(117, 118, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 118, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 118, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 118, 137);  
box-shadow:4px 4px 4px 4px rgb(117, 118,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 11.121, 289.674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 118, 137) }
```

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

```
.background{ background-color: rgb(117,  
118, 137) }
```

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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