

Converting Colors

CIELCh(50, 14.612, 323.932)

Have a look what the booklet for
CIELCh(50, 14.612, 323.932)
contains.

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Color

CIELCh(50, 14.612, 323.932)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 857186 |
| RGB | 133, 113, 134 |
| RGB Percent | 52%, 44%, 53% |
| CMY | 0.4796, 0.5580, 0.4757 |
| CMYK | 0.01, 0.16, 0.00, 0.48 |
| HSL | 297°, 9%, 48% |
| HSV | 297°, 16%, 52% |
| XYZ | 19.7786, 18.4187, 24.9557 |
| YIQ | 121.3740, 5.1790, 10.7710 |

Conversions

Conversions Part 2

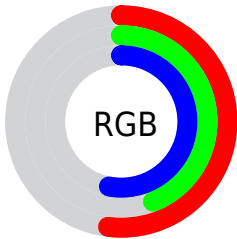
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 133, 113, 134 |
| Decimal | 8745350 |
| CIE _{Lab} | 50.00, 11.81, -8.60 |
| CIE _{LCh} | 50, 14.612, 323.932 |
| Yxy | 18.4187, 0.3132, 0.2917 |
| Android (android.graphics.Color) | 4286935430 (0xFF857186) |
| YUV | 121.3740, 6.2246, 10.1960 |
| Hunter-Lab | 42.9170, 7.1586, -4.4346 |

Details

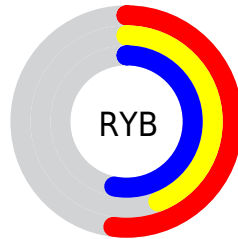
The CIELCh color $50, 14.612, 323.932$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $54, 14.577, 142.299$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 14.382, 323.810$, and $30, 14.363, 324.078$ is the 20% darker color. If you saturate the color by 10%, you get $46, 23.972, 324.431$, and if you desaturate by 10%, it is $54, 5.274, 323.411$.

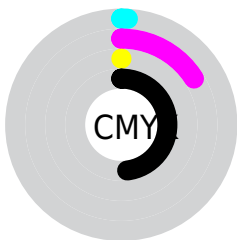
Distribution



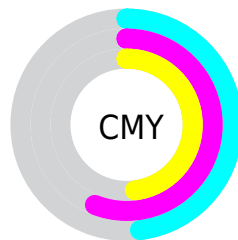
- Red (52%)
- Green (44%)
- Blue (53%)



- Red (52%)
- Yellow (44%)
- Blue (53%)



- Cyan (1%)
- Magenta (16%)
- Yellow (0%)
- Black (48%)





- Cyan (48%)
- Magenta (56%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 14.612, 323.932 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, 14.612, 323.932 by changing the saturation by 10% instead.


 50, 14.612,
323.932


 50, 14.612,
323.932


 100, 14.612,
323.932


 40, 14.612,
323.932


 70, 14.612,
323.932

 30, 14.612,
323.932


 80, 14.612,
323.932


 20, 14.612,
323.932

 90, 14.612,
323.932

 10, 14.612,
323.932

 0, 14.612, 323.932

 50, 14.612,
323.932

 50, 14.612,
323.932

46, 23.972,
324.431

54, 5.274, 323.411

43, 33.203,
324.910

57, 3.931, 143.000

40, 42.084,
325.354

61, 12.940,
142.489

37, 50.333,
325.745

65, 21.713,
142.023

35, 57.614,
326.063

69, 30.232,
141.583

33, 63.580,
326.288

73, 38.492,
141.170

31, 67.948,
326.406

77, 46.496,
140.782

30, 70.683,
326.415

81, 54.250,
140.421

30, 71.712,

85, 61.767,
140.086

326.410

Harmonies

Complementary

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



50, 14.612, 323.932



54, 14.577, 142.299

Rectangle

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



50, 14.612, 323.932



50, 14.612, 13.932



50, 14.612, 143.932



50, 14.612, 193.932

Sweetspot

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



50, 14.610, 323.932



69, 5.720, 323.378



48, 11.746, 289.803



35, 3.887, 323.412



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, 14.610, 323.932



62, 21.897, 324.120



50, 10.837, 342.262



26, 5.195, 323.595



29, 70.292, 326.415



0, 1.237, 323.160

Inverse Universe

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



49, 8.755, 16.598



61, 13.274, 16.955



54, 10.674, 159.826



26, 3.053, 16.014



26, 60.688, 36.604



0, 0.709, 15.442

Previews

White Background



This preview shows how the CIELCh color 50, 14.612, 323.932 looks on a white background.

Color Contrast Check

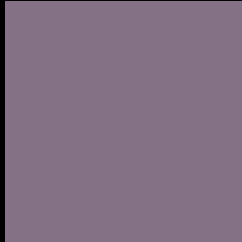
Large Text (above 18pt) WCAG AA ✓ Pass

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, 14.612, 323.932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

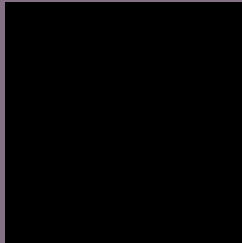
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 14.612, 323.932

Background



This preview shows how black text looks on a background with the CIELCh color 50, 14.612, 323.932.



This preview shows how white text looks on a background with the CIELCh color 50, 14.612, 323.932.

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, 14.612, 323.932

Protanopia

50, 11.133, 287.749

Deuteranopia

50, 10.474, 308.604



Tritanopia
50, 8.666, 343.096

Trichromacy



Original Color
50, 14.612, 323.932

Protanomaly
50, 11.984, 302.671

Deuteranomaly
50, 11.584, 315.205

Tritanomaly
50, 10.488, 334.266

Monochromacy



Original Color
50, 14.612, 323.932

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 5.468, 321.262

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 14.612, 323.932 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(133, 113, 134)` looks like.

```
.text, #text, p{  
    color:rgb(133, 113, 134)  
}
```

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(133, 113, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 113, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 14.612, 323.932 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(133, 113, 134) }
```

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

```
.border{ border-color:rgb(133, 113, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 113, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(133, 113, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(133, 113, 134); box-shadow:4px 4px 4px 4px rgb(133, 113, 134) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 14.612, 323.932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 113, 134) }
```

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

```
.background{ background-color: rgb(133,  
113, 134) }
```

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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