

Converting Colors

CIELCh(50, 44.418, 267.257)

Have a look what the booklet for
CIELCh(50, 44.418, 267.257)
contains.

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Color

CIELCh(50, 44.352, 267.214)

Conversions

Conversions Part 1

Format	Color
Hex	0B7CC2
RGB	11, 124, 194
RGB Percent	4%, 49%, 76%
CMY	0.9581, 0.5132, 0.2386
CMYK	0.95, 0.36, 0.00, 0.24
HSL	203°, 90%, 40%
HSV	203°, 95%, 76%
XYZ	17.1114, 18.4187, 53.7781
YIQ	98.1930, -89.8180, -2.1860

Conversions

Conversions Part 2

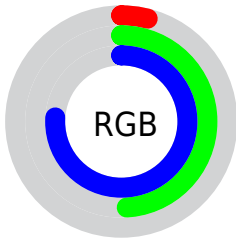
Format	Color
R_{YB}	11, 81, 194
Decimal	752834
CIE Lab	50.00, -2.16, -44.30
CIE LCh	50, 44.352, 267.214
Yxy	18.4187, 0.1916, 0.2062
Android (android.graphics.Color)	4278942914 (0xFF0B7CC2)
YUV	98.1930, 47.2329, -76.4683
Hunter-Lab	42.9170, -3.9350, -44.2528

Details

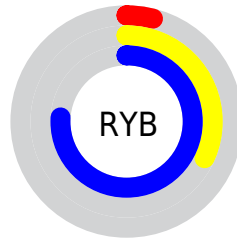
The CIELCh color **50, 44.352, 267.214** is a dark color, and the websafe version is hex **006699**. The color can be described as dark washed azure. A complement of this color would be **49, 70.421, 52.769**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **70, 44.447, 267.405**, and **32, 41.514, 278.361** is the 20% darker color. If you saturate the color by 10%, you get **49, 46.377, 269.917**, and if you desaturate by 10%, it is **52, 40.751, 262.350**.

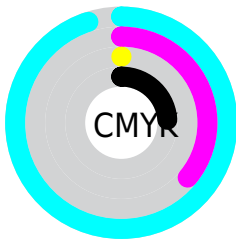
Distribution



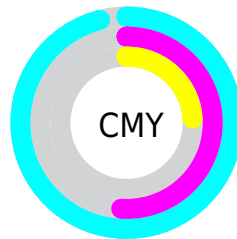
- Red (4%)
- Green (49%)
- Blue (76%)



- Red (4%)
- Yellow (32%)
- Blue (76%)



- Cyan (95%)
- Magenta (36%)
- Yellow (0%)
- Black (24%)



- Cyan (96%)
- Magenta (51%)
- Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 44.352, 267.214 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, 44.352, 267.214 by changing the saturation by 10% instead.


 50, 44.352,
267.214


 50, 44.352,
267.214

 100, 44.352,
267.214

 40, 44.352,
267.214


 70, 44.352,
267.214

 30, 44.352,
267.214

 80, 44.352,
267.214

 20, 44.352,
267.214

 90, 44.352,
267.214

 10, 44.352,
267.214

 0, 44.352, 267.214

 50, 44.352,
267.214

 50, 44.352,
267.214

49, 46.377,
269.917

52, 40.751,
262.350

55, 37.035,
258.006

58, 33.071,
254.269

61, 28.782,
251.134

64, 24.145,
248.546

67, 19.171,
246.430

70, 13.897,
244.708

74, 8.370, 243.316

77, 2.639, 242.275

Harmonies

Complementary

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



50, 44.352, 267.214



49, 70.421, 52.769

Rectangle

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



50, 44.352, 267.214



50, 44.352, 317.214



50, 44.352, 87.214



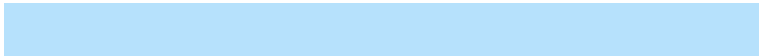
50, 44.352, 137.214

Sweetspot

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



50, 44.351, 267.215



88, 19.505, 245.344



69, 79.535, 144.411



45, 13.451, 246.119



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



50, 44.351, 267.215



62, 57.191, 270.793



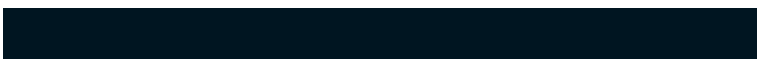
27, 97.340, 303.316



39, 3.294, 242.722



40, 39.884, 269.135



6, 11.308, 257.031

Inverse Universe

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



43, 71.419, 349.965



55, 87.166, 351.952



70, 71.080, 93.938



38, 5.525, 338.436



35, 62.515, 350.995



3, 17.096, 345.143

Previews

White Background



This preview shows how the CIE LCh color 50, 44.352, 267.214 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, 44.352, 267.214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

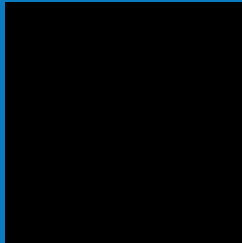
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 44.352, 267.214

Background



This preview shows how black text looks on a background with the CIELCh color 50, 44.352, 267.214.



This preview shows how white text looks on a background with the CIELCh color 50, 44.352, 267.214.

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, 44.337, 267.260

Protanopia

50, 41.733, 285.844

Deuteranopia

50, 45.356, 279.474



Tritanopia
50, 29.743, 206.945

Trichromacy



Original Color
50, 44.337, 267.260

Protanomaly
49, 43.008, 276.015

Deuteranomaly
50, 45.185, 273.880

Tritanomaly
50, 30.750, 233.956

Monochromacy



Original Color
50, 44.337, 267.260

Achromatopsia
42, 0.006, 296.813

Achromatomaly
44, 19.714, 248.428

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 44.352, 267.214 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(11, 124, 194)` looks like.

```
.text, #text, p{  
    color:rgb(11, 124, 194)  
}
```

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(11, 124, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 124, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 44.352, 267.214 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(11, 124, 194) }
```

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

```
.border{ border-color:rgb(11, 124, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 124, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 124, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 124, 194);  
box-shadow:4px 4px 4px 4px rgb(11, 124,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 44.352, 267.214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 124, 194) }
```

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

```
.background{ background-color: rgb(11, 124,  
194) }
```

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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