

Converting Colors

CIELCh(48, 54.424, 282.934)

Have a look what the booklet for
CIELCh(48, 54.424, 282.934)
contains.

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Color

CIELCh(48, 54.185, 282.644)

Conversions

Conversions Part 1

Format	Color
Hex	3371CC
RGB	51, 113, 204
RGB Percent	20%, 44%, 80%
CMY	0.7981, 0.5582, 0.2015
CMYK	0.75, 0.45, 0.00, 0.20
HSL	216°, 60%, 50%
HSV	216°, 75%, 80%
XYZ	18.1114, 16.7945, 59.1775
YIQ	104.8360, -66.1630, 15.1570

Conversions

Conversions Part 2

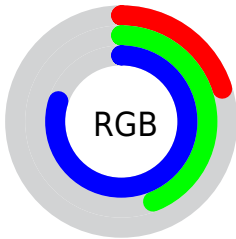
Format	Color
RYB	51, 95, 204
Decimal	3371468
CIELab	48.00, 11.86, -52.87
CIELCh	48, 54.185, 282.644
Yxy	16.7945, 0.1925, 0.1785
Android (android.graphics.Color)	4281561548 (0xFF3371CC)
YUV	104.8360, 48.8879, -47.2142
Hunter-Lab	40.9810, 7.1703, -56.9293

Details

The CIELCh color **48, 54.185, 282.644** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **64, 57.161, 74.684**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 50.935, 281.020**, and **30, 53.132, 288.409** is the 20% darker color. If you saturate the color by 10%, you get **44, 61.876, 286.500**, and if you desaturate by 10%, it is **52, 46.680, 279.112**.

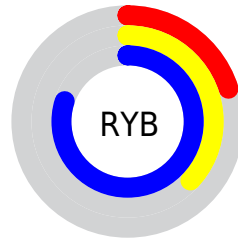
Distribution



Red (20%)

Green (44%)

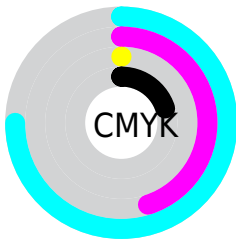
Blue (80%)



Red (20%)

Yellow (37%)

Blue (80%)

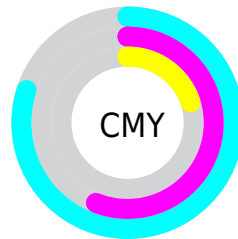


Cyan (75%)

Magenta (45%)

Yellow (0%)

Black (20%)



Cyan (80%)

Magenta (56%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 54.185, 282.644 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 48, 54.185, 282.644 by changing the saturation by 10% instead.

 48, 54.185,
282.644

 48, 54.185,
282.644


 100, 54.185,
282.644

 38, 54.185,
282.644

 68, 54.185,
282.644

 28, 54.185,
282.644

 78, 54.185,
282.644

 18, 54.185,
282.644

 88, 54.185,
282.644

 8, 54.185, 282.644

 98, 54.185,
282.644

 0, 54.185, 282.644

 48, 54.185,

 48, 54.185,

282.644

282.644

■ 44, 61.876,
286.500

■ 52, 46.680,
279.112

■ 40, 69.760,
290.513

■ 57, 39.311,
275.981

■ 38, 73.992,
292.539

■ 61, 32.030,
273.267

■ 66, 24.801,
270.943

■ 70, 17.611,
268.966

■ 75, 10.458,
267.290

■ 80, 3.347, 265.910

■ 84, 3.713, 84.507

Harmonies

Complementary

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



48, 54.185, 282.644



64, 57.161, 74.684

Rectangle

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



48, 54.185, 282.644



48, 54.185, 332.644



48, 54.185, 102.644



48, 54.185, 152.644

Sweetspot

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



48, 54.185, 282.645



88, 18.802, 268.533



73, 57.479, 158.945



45, 12.643, 269.024



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



48, 54.185, 282.645



52, 79.324, 289.091



34, 91.761, 303.877



41, 4.031, 266.512



31, 62.510, 291.920



4, 16.978, 278.396

Inverse Universe

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



47, 62.923, 1.270



55, 82.418, 7.576



79, 72.535, 107.987



40, 4.989, 350.076



35, 61.361, 10.991



4, 19.105, 359.407

Previews

White Background



This preview shows how the CIE LCh color 48, 54.185, 282.644 looks on a white 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

Black Background



This preview shows how the CIE LCh color 48, 54.185, 282.644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

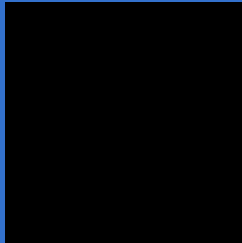
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

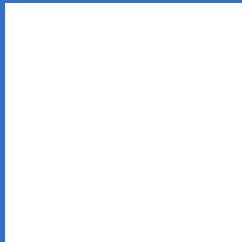
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 48, 54.185, 282.644

Background



This preview shows how black text looks on a background with the CIELCh color 48, 54.185, 282.644.



This preview shows how white text looks on a background with the CIELCh color 48, 54.185, 282.644.

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





Tritanopia
48, 28.740, 207.411

Trichromacy



Original Color
48, 54.211, 282.501

Protanomaly
48, 53.932, 285.137

Deuteranomaly
48, 53.534, 279.525

Tritanomaly
47, 31.311, 245.765

Monochromacy



Original Color
48, 54.211, 282.501

Achromatopsia
44, 0.006, 296.813

Achromatomaly
45, 20.724, 271.844

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 54.185, 282.644 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(51, 113, 204)` looks like.

```
.text, #text, p{  
    color:rgb(51, 113, 204)  
}
```

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(51, 113, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 113, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 54.185, 282.644 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(51, 113, 204) }
```

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

```
.border{ border-color:rgb(51, 113, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 113, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 113, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 113, 204);  
box-shadow:4px 4px 4px 4px rgb(51, 113,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 54.185, 282.644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 113, 204) }
```

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

```
.background{ background-color: rgb(51, 113,  
204) }
```

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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