

Converting Colors

CIELCh(52, 48.415, 275.587)

Have a look what the booklet for
CIELCh(52, 48.415, 275.587)
contains.

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Color

CIELCh(52, 48.630, 275.808)

Conversions

Conversions Part 1

Format	Color
Hex	347ECF
RGB	52, 126, 207
RGB Percent	20%, 49%, 81%
CMY	0.7963, 0.5060, 0.1884
CMYK	0.75, 0.39, 0.00, 0.19
HSL	211°, 62%, 51%
HSV	211°, 75%, 81%
XYZ	20.1273, 20.1443, 61.8333
YIQ	113.1080, -70.1050, 9.5030

Conversions

Conversions Part 2

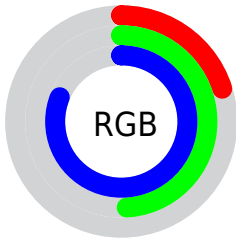
Format	Color
R_{YB}	52, 102, 207
Decimal	3440335
CIE _{Lab}	52.00, 4.92, -48.38
CIE _{LCh}	52, 48.630, 275.808
Y _{xy}	20.1443, 0.1971, 0.1973
Android (android.graphics.Color)	4281630415 (0xFF347ECF)
YUV	113.1080, 46.2888, -53.5917
Hunter-Lab	44.8824, 1.5030, -50.2645

Details

The CIELCh color **52, 48.630, 275.808** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark muted azure. A complement of this color would be **62, 57.460, 67.797**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 43.986, 272.889**, and **33, 47.104, 281.986** is the 20% darker color. If you saturate the color by 10%, you get **48, 55.029, 279.966**, and if you desaturate by 10%, it is **56, 42.307, 272.061**.

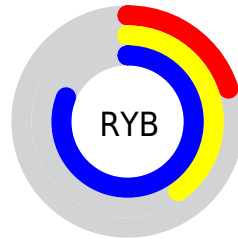
Distribution



Red (20%)

Green (49%)

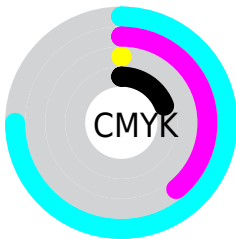
Blue (81%)



Red (20%)

Yellow (40%)

Blue (81%)

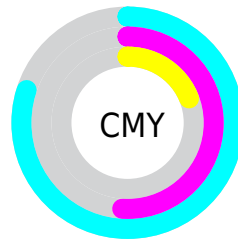


Cyan (75%)

Magenta (39%)

Yellow (0%)

Black (19%)



Cyan (80%)

Magenta (51%)

Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 48.630, 275.808 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 52, 48.630, 275.808 by changing the saturation by 10% instead.

 52, 48.630,
275.808

 52, 48.630,
275.808

 100, 48.630,
275.808

 42, 48.630,
275.808


 72, 48.630,
275.808

 32, 48.630,
275.808

 82, 48.630,
275.808

 22, 48.630,
275.808

 92, 48.630,
275.808

 12, 48.630,
275.808

 2, 48.630, 275.808

 0, 48.630, 275.808

■ 52, 48.630,
275.808

■ 52, 48.630,
275.808

■ 48, 55.029,
279.966

■ 56, 42.307,
272.061

■ 45, 61.590,
284.377

■ 60, 35.980,
268.783

■ 43, 65.036,
286.565

■ 64, 29.594,
265.973

■ 68, 23.126,
263.594

■ 72, 16.575,
261.590

■ 77, 9.955, 259.909

■ 81, 3.285, 258.548

■ 85, 3.413, 77.113

Harmonies

Complementary

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



52, 48.630, 275.808



62, 57.460, 67.797

Rectangle

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



52, 48.630, 275.808



52, 48.630, 325.808



52, 48.630, 95.808



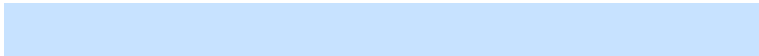
52, 48.630, 145.808

Sweetspot

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



52, 48.629, 275.809



89, 17.370, 261.119



74, 62.282, 155.159



46, 11.658, 261.612



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



52, 48.629, 275.809



57, 69.136, 282.682



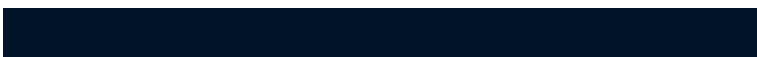
33, 93.615, 303.052



42, 3.831, 259.115



35, 54.938, 285.876



6, 16.696, 274.039

Inverse Universe

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



49, 65.141, 355.530



56, 82.960, 0.811



81, 73.365, 104.520



41, 5.341, 345.636



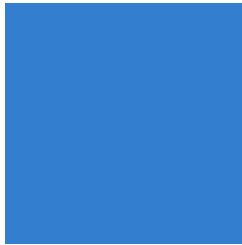
36, 61.932, 3.810



5, 21.595, 355.387

Previews

White Background



This preview shows how the CIE LCh color 52, 48.630, 275.808 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 52, 48.630, 275.808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

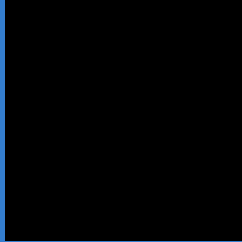
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

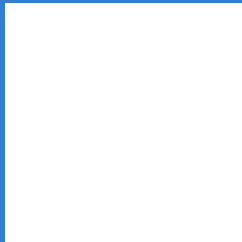
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 48.630, 275.808

Background



This preview shows how black text looks on a background with the CIELCh color 52, 48.630, 275.808.

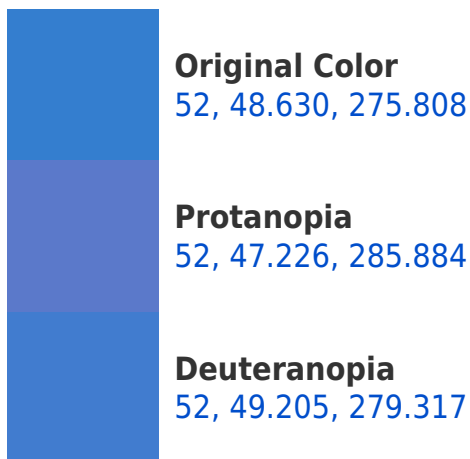


This preview shows how white text looks on a background with the CIELCh color 52, 48.630, 275.808.

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](#).

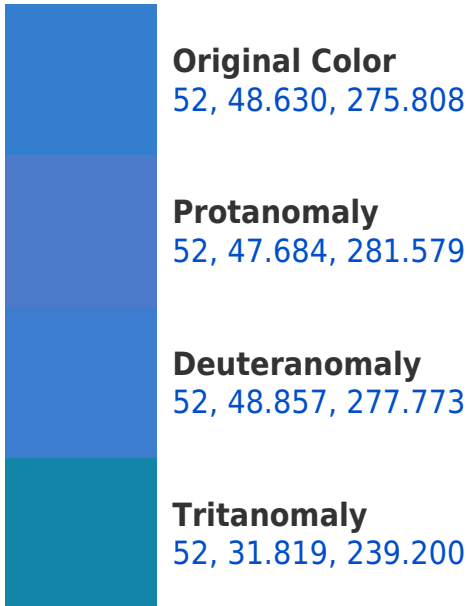
Dichromacy



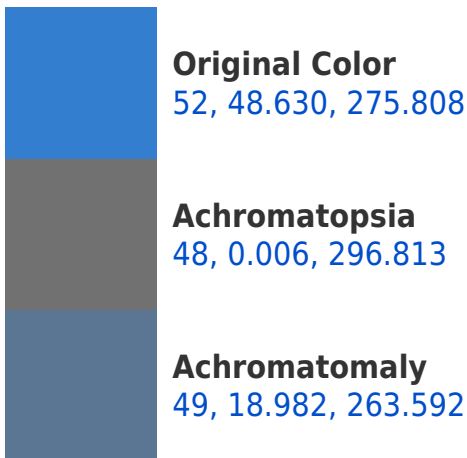


Tritanopia
52, 30.471, 208.924

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 48.630, 275.808 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(52, 126, 207)` looks like.

```
.text, #text, p{  
    color:rgb(52, 126, 207)  
}
```

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(52, 126, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 126, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 48.630, 275.808 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(52, 126, 207) }
```

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

```
.border{ border-color:rgb(52, 126, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 126, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 126, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 126, 207);  
box-shadow:4px 4px 4px 4px rgb(52, 126,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 48.630, 275.808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 126, 207) }
```

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

```
.background{ background-color: rgb(52, 126,  
207) }
```

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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