

Converting Colors

CIELCh(52, 78.347, 292.443)

Have a look what the booklet for
CIELCh(52, 78.347, 292.443)
contains.

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Color

CIELCh(52, 78.404, 292.443)

Conversions

Conversions Part 1

Format	Color
Hex	4472FA
RGB	68, 114, 250
RGB Percent	27%, 45%, 98%
CMY	0.7337, 0.5532, 0.0199
CMYK	0.73, 0.54, 0.00, 0.02
HSL	225°, 95%, 62%
HSV	225°, 73%, 98%
XYZ	25.6318, 20.1443, 92.9224
YIQ	115.7500, -71.0720, 32.5440

Conversions

Conversions Part 2

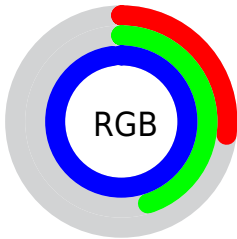
Format	Color
R _Y B	68, 105, 250
Decimal	4485882
CIE Lab	52.00, 29.93, -72.47
CIE LCh	52, 78.404, 292.443
Yxy	20.1443, 0.1848, 0.1452
Android (android.graphics.Color)	4282675962 (0xFF4472FA)
YUV	115.7500, 66.1852, -41.8768
Hunter-Lab	44.8824, 23.3947, -91.3334

Details

The CIELCh color **52, 78.404, 292.443** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **84, 70.137, 87.492**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 49.604, 286.191**, and **34, 77.269, 295.807** is the 20% darker color. If you saturate the color by 10%, you get **47, 90.422, 295.710**, and if you desaturate by 10%, it is **58, 66.597, 289.359**.

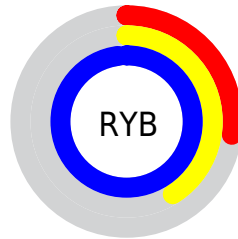
Distribution



Red (27%)

Green (45%)

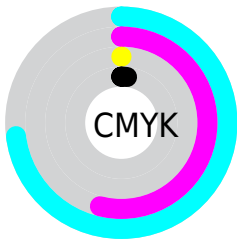
Blue (98%)



Red (27%)

Yellow (41%)

Blue (98%)

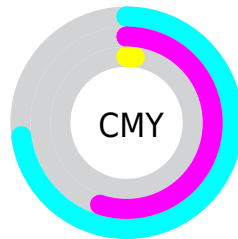


Cyan (73%)

Magenta (54%)

Yellow (0%)

Black (2%)



Cyan (73%)

Magenta (55%)

Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 78.404, 292.443 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, 78.404, 292.443 by changing the saturation by 10% instead.

 52, 78.404,
292.443

 52, 78.404,
292.443

 100, 78.404,
292.443

 42, 78.404,
292.443

 72, 78.404,
292.443

 32, 78.404,
292.443

 82, 78.404,
292.443

 22, 78.404,
292.443

 92, 78.404,
292.443

 12, 78.404,
292.443

 2, 78.404, 292.443

 0, 78.404, 292.443

■ 52, 78.404,
292.443

■ 52, 78.404,
292.443

■ 47, 90.422,
295.710

■ 58, 66.597,
289.359

■ 42, 102.235,
298.943

■ 64, 55.146,
286.576

■ 39, 110.172,
301.049

■ 70, 44.063,
284.137

■ 77, 33.316,
282.035

■ 83, 22.869,
280.238

■ 90, 12.695,
278.708

■ 96, 2.774, 277.454

■ 100, 2.560,
109.957

Harmonies

Complementary

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



52, 78.404, 292.443



84, 70.137, 87.492

Rectangle

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



52, 78.404, 292.443



52, 78.404, 342.443



52, 78.404, 112.443



52, 78.404, 162.443

Sweetspot

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



52, 78.404, 292.444



85, 22.378, 280.105



89, 57.025, 169.494



44, 15.088, 280.559



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, 78.404, 292.444



45, 96.986, 297.108



45, 104.473, 306.293



49, 5.603, 278.252



29, 87.754, 300.533



6, 34.094, 295.130

Inverse Universe

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



58, 72.411, 12.996



55, 83.631, 19.340



93, 85.597, 115.387



49, 5.452, 0.158



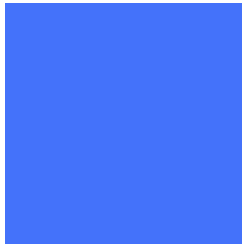
40, 71.750, 25.322



9, 30.747, 14.965

Previews

White Background



This preview shows how the CIE LCh color 52, 78.404, 292.443 looks on a white background.

Color Contrast Check

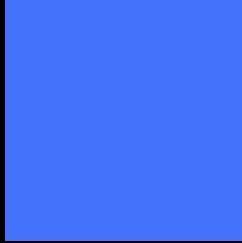
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 52, 78.404, 292.443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

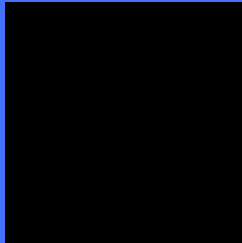
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 78.404, 292.443

Background



This preview shows how black text looks on a background with the CIELCh color 52, 78.404, 292.443.

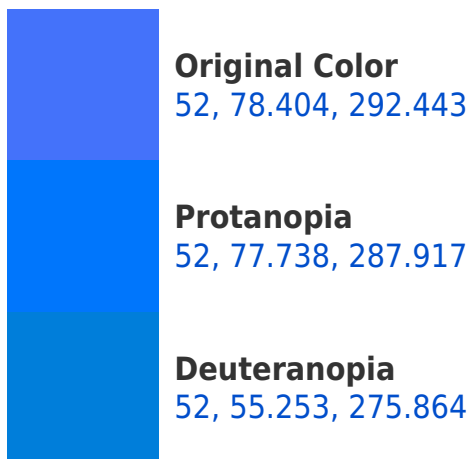


This preview shows how white text looks on a background with the CIELCh color 52, 78.404, 292.443.

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, 30.517, 207.753

Trichromacy



Original Color
52, 78.404, 292.443

Protanomaly
52, 77.673, 288.705

Deuteranomaly
52, 63.464, 282.478

Tritanomaly
51, 37.591, 257.537

Monochromacy



Original Color
52, 78.404, 292.443

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 29.595, 283.932

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 78.404, 292.443 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(68, 114, 250)` looks like.

```
.text, #text, p{  
    color:rgb(68, 114, 250)  
}
```

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(68, 114, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 114, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 78.404, 292.443 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(68, 114, 250) }
```

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

```
.border{ border-color:rgb(68, 114, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 114, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 114, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 114, 250);  
box-shadow:4px 4px 4px 4px rgb(68, 114,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 78.404, 292.443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 114, 250) }
```

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

```
.background{ background-color: rgb(68, 114,  
250) }
```

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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