

Converting Colors

CIELCh(52, 80.739, 292.575)

Have a look what the booklet for
CIELCh(52, 80.739, 292.575)
contains.

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Color

CIELCh(52, 80.652, 292.445)

Conversions

Conversions Part 1

Format	Color
Hex	3E72FE
RGB	62, 114, 254
RGB Percent	24%, 45%, 100%
CMY	0.7549, 0.5541, 0.0053
CMYK	0.75, 0.55, 0.00, 0.01
HSL	224°, 99%, 62%
HSV	224°, 75%, 99%
XYZ	25.8372, 20.1443, 96.0075
YIQ	114.4120, -75.9320, 32.5160

Conversions

Conversions Part 2

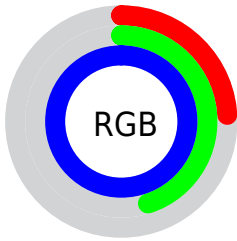
Format	Color
R _Y B	62, 103, 254
Decimal	4092670
CIE Lab	52.00, 30.79, -74.54
CIE LCh	52, 80.652, 292.445
Yxy	20.1443, 0.1820, 0.1419
Android (android.graphics.Color)	4282282750 (0xFF3E72FE)
YUV	114.4120, 68.8169, -45.9653
Hunter-Lab	44.8824, 24.2118, -95.4089

Details

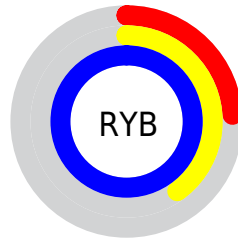
The CIELCh color **52, 80.652, 292.445** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **84, 72.313, 85.906**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 49.700, 285.316**, and **34, 79.498, 296.272** is the 20% darker color. If you saturate the color by 10%, you get **47, 92.567, 295.800**, and if you desaturate by 10%, it is **58, 68.916, 289.247**.

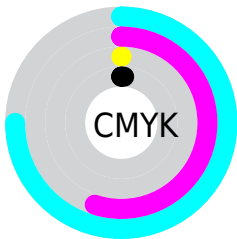
Distribution



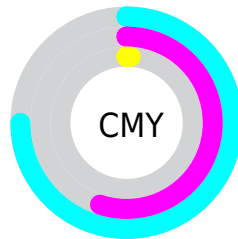
- Red (24%)
- Green (45%)
- Blue (100%)



- Red (24%)
- Yellow (40%)
- Blue (100%)



- Cyan (75%)
- Magenta (55%)
- Yellow (0%)
- Black (1%)




- Cyan (75%)
- Magenta (55%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 80.652, 292.445 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, 80.652, 292.445 by changing the saturation by 10% instead.

 52, 80.652,
292.445

 52, 80.652,
292.445

 100, 80.652,
292.445

 42, 80.652,
292.445


 72, 80.652,
292.445

 32, 80.652,
292.445

 82, 80.652,
292.445

 22, 80.652,
292.445

 92, 80.652,
292.445

 12, 80.652,
292.445

 2, 80.652, 292.445

 0, 80.652, 292.445

■ 52, 80.652,
292.445

■ 52, 80.652,
292.445

■ 47, 92.567,
295.800

■ 58, 68.916,
289.247

■ 42, 104.221,
299.077

■ 64, 57.518,
286.340

■ 40, 109.346,
300.457

■ 70, 46.478,
283.781

■ 77, 35.762,
281.570

■ 83, 25.336,
279.678

■ 90, 15.168,
278.066

■ 96, 5.241, 276.711

■ 100, 0.668,
110.012

Harmonies

Complementary

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



52, 80.652, 292.445



84, 72.313, 85.906

Rectangle

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



52, 80.652, 292.445



52, 80.652, 342.445



52, 80.652, 112.445



52, 80.652, 162.445

Sweetspot

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



52, 80.652, 292.446



85, 23.009, 279.275



90, 59.977, 167.732



43, 15.994, 279.900



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, 80.652, 292.446



45, 98.466, 297.354



44, 109.319, 306.236



50, 5.602, 277.239



30, 86.966, 299.925



7, 34.864, 295.130

Inverse Universe

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



58, 75.099, 12.778



55, 84.857, 19.619



94, 88.354, 114.597



50, 5.580, 359.076



40, 71.878, 24.098



10, 31.607, 14.886

Previews

White Background



This preview shows how the CIE LCh color 52, 80.652, 292.445 looks on a white background.

Color Contrast Check

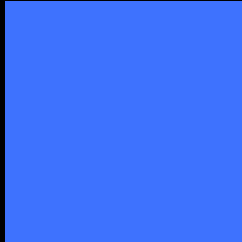
Large Text (above 18pt) WCAG AA ✓ Pass

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, 80.652, 292.445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

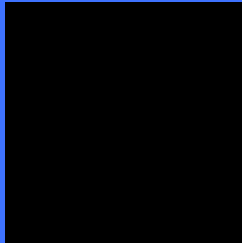
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

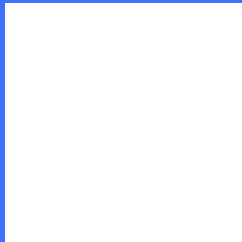
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 80.652, 292.445

Background



This preview shows how black text looks on a background with the CIELCh color 52, 80.652, 292.445.

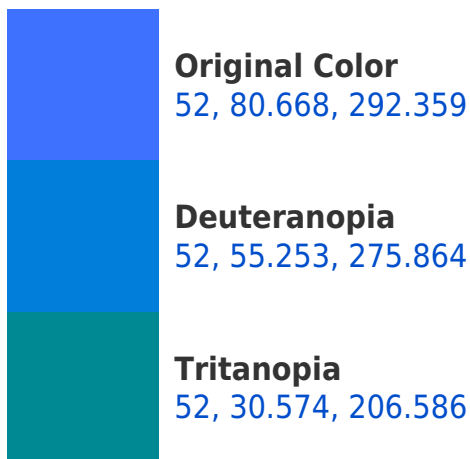


This preview shows how white text looks on a background with the CIELCh color 52, 80.652, 292.445.

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



Trichromacy



Original Color
52, 80.668, 292.359

Deuteranomaly
52, 64.017, 282.628

Tritanomaly
51, 38.074, 258.054

Monochromacy



Original Color
52, 80.668, 292.359

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 30.339, 282.606

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 80.652, 292.445 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(62, 114, 254)` looks like.

```
.text, #text, p{  
    color:rgb(62, 114, 254)  
}
```

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(62, 114, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 114, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 80.652, 292.445 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(62, 114, 254) }
```

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

```
.border{ border-color:rgb(62, 114, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 114, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 114, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 114, 254);  
box-shadow:4px 4px 4px 4px rgb(62, 114,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 80.652, 292.445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 114, 254) }
```

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

```
.background{ background-color: rgb(62, 114,  
254) }
```

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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