

Converting Colors

CIELCh(52, 65.637, 295.540)

Have a look what the booklet for
CIELCh(52, 65.637, 295.540)
contains.

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Color

CIELCh(52, 65.254, 295.432)

Conversions

Conversions Part 1

Format	Color
Hex	6771E2
RGB	103, 113, 226
RGB Percent	40%, 44%, 89%
CMY	0.5966, 0.5573, 0.1142
CMYK	0.54, 0.50, 0.00, 0.11
HSL	235°, 68%, 64%
HSV	235°, 54%, 89%
XYZ	25.1800, 20.1443, 74.4184
YIQ	122.8920, -42.2330, 33.0230

Conversions

Conversions Part 2

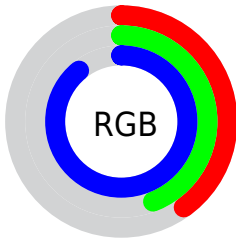
Format	Color
RYB	103, 112, 226
Decimal	6779362
CIELab	52.00, 28.02, -58.93
CIELCh	52, 65.254, 295.432
Yxy	20.1443, 0.2103, 0.1682
Android (android.graphics.Color)	4284969442 (0xFF6771E2)
YUV	122.8920, 50.8322, -17.4453
Hunter-Lab	44.8824, 21.5979, -66.8896

Details

The CIELCh color **52, 65.254, 295.432** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **85, 57.087, 101.003**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 49.179, 293.780**, and **32, 65.690, 295.628** is the 20% darker color. If you saturate the color by 10%, you get **45, 78.673, 297.843**, and if you desaturate by 10%, it is **59, 52.209, 293.258**.

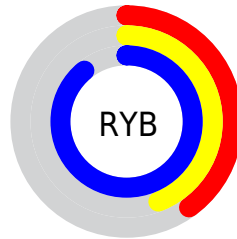
Distribution



Red (40%)

Green (44%)

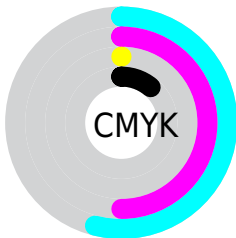
Blue (89%)



Red (40%)

Yellow (44%)

Blue (89%)

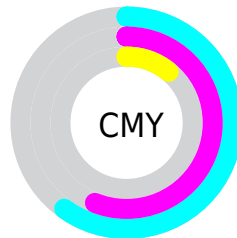


Cyan (54%)

Magenta (50%)

Yellow (0%)

Black (11%)



Cyan (60%)


Magenta (56%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 65.254, 295.432 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, 65.254, 295.432 by changing the saturation by 10% instead.


 52, 65.254,
295.432


 52, 65.254,
295.432


 100, 65.254,
295.432


 42, 65.254,
295.432


 72, 65.254,
295.432

 32, 65.254,
295.432

 82, 65.254,
295.432

 22, 65.254,
295.432

 92, 65.254,
295.432

 12, 65.254,
295.432

 2, 65.254, 295.432

 0, 65.254, 295.432

■ 52, 65.254,
295.432

■ 52, 65.254,
295.432

■ 45, 78.673,
297.843

■ 59, 52.209,
293.258

■ 39, 92.074,
300.363

■ 66, 39.655,
291.359

■ 34, 104.543,
302.756

■ 73, 27.599,
289.729

■ 31, 114.525,
304.698

■ 80, 16.010,
288.343

■ 29, 118.408,
305.441

■ 87, 4.852, 287.177

■ 94, 5.908, 106.129

■ 99, 14.739,
109.064

Harmonies

Complementary

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



52, 65.254, 295.432



85, 57.087, 101.003

Rectangle

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



52, 65.254, 295.432



52, 65.254, 345.432



52, 65.254, 115.432



52, 65.254, 165.432

Sweetspot

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



52, 65.254, 295.433



88, 19.612, 288.557



83, 37.119, 188.417



45, 13.292, 288.833



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, 65.254, 295.433



51, 87.679, 298.088



54, 71.626, 309.370



43, 6.200, 287.730



22, 97.460, 305.215



3, 29.847, 294.131

Inverse Universe

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



59, 51.988, 20.297



61, 69.316, 23.448



84, 64.803, 123.508



44, 4.747, 13.354



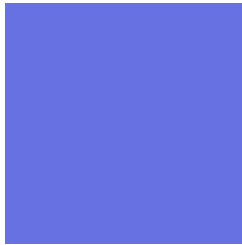
36, 75.746, 36.594



6, 25.373, 17.509

Previews

White Background



This preview shows how the CIELCh color 52, 65.254, 295.432 looks on a white background.

Color Contrast Check

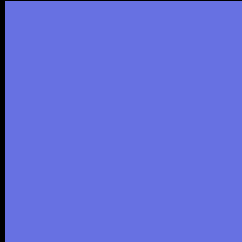
Large Text (above 18pt) WCAG AA ✓ Pass

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, 65.254, 295.432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

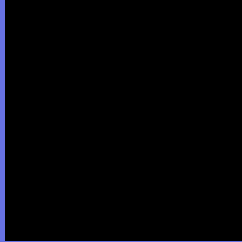
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 65.254, 295.432

Background



This preview shows how black text looks on a background with the CIELCh color 52, 65.254, 295.432.



This preview shows how white text looks on a background with the CIELCh color 52, 65.254, 295.432.

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, 20.185, 214.480

Trichromacy



Original Color
52, 65.254, 295.432

Protanomaly
52, 65.467, 289.879

Deuteranomaly
51, 60.521, 282.933

Tritanomaly
52, 29.423, 268.166

Monochromacy



Original Color
52, 65.254, 295.432

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 23.903, 290.675

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 65.254, 295.432 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(103, 113, 226)` looks like.

```
.text, #text, p{  
    color:rgb(103, 113, 226)  
}
```

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(103, 113, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 113, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 65.254, 295.432 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(103, 113, 226) }
```

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

```
.border{ border-color:rgb(103, 113, 226) }
```

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

Here you see how a box with a 4 pixel rgb(103, 113, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 113, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 113, 226);  
box-shadow:4px 4px 4px 4px rgb(103, 113,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 65.254, 295.432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 113, 226) }
```

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

```
.background{ background-color: rgb(103,  
113, 226) }
```

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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