

Converting Colors

CIELCh(63, 52.837, 287.309)

Have a look what the booklet for
CIELCh(63, 52.837, 287.309)
contains.

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Color

CIELCh(63, 52.688, 287.323)

Conversions

Conversions Part 1

Format	Color
Hex	7894F2
RGB	120, 148, 242
RGB Percent	47%, 58%, 95%
CMY	0.5294, 0.4196, 0.0509
CMYK	0.50, 0.39, 0.00, 0.05
HSL	226°, 82%, 71%
HSV	226°, 50%, 95%
XYZ	34.3661, 31.5869, 88.2962
YIQ	150.3440, -46.8620, 23.2980

Conversions

Conversions Part 2

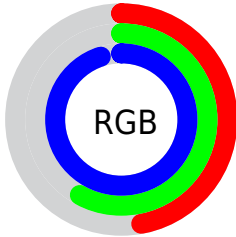
Format	Color
R _Y B	120, 143, 242
Decimal	7902450
CIE Lab	63.00, 15.69, -50.30
CIE LCh	63, 52.688, 287.323
Yxy	31.5869, 0.2228, 0.2048
Android (android.graphics.Color)	4286092530 (0xFF7894F2)
YUV	150.3440, 45.1864, -26.6117
Hunter-Lab	56.2022, 10.7939, -53.8056

Details

The CIELCh color **63, 52.688, 287.323** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **86, 49.648, 92.329**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 28.872, 277.495**, and **43, 52.409, 287.081** is the 20% darker color. If you saturate the color by 10%, you get **57, 64.172, 289.967**, and if you desaturate by 10%, it is **69, 41.585, 285.014**.

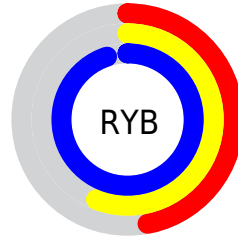
Distribution



Red (47%)

Green (58%)

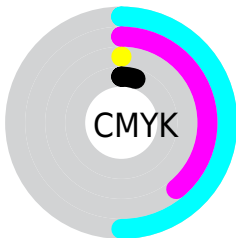
Blue (95%)



Red (47%)

Yellow (56%)

Blue (95%)

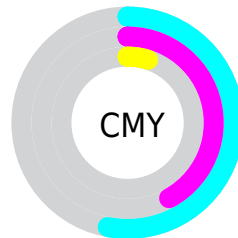


Cyan (50%)

Magenta (39%)

Yellow (0%)

Black (5%)



Cyan (53%)


Magenta (42%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 52.688, 287.323 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 63, 52.688, 287.323 by changing the saturation by 10% instead.


 63, 52.688,
287.323


 63, 52.688,
287.323


 100, 52.688,
287.323


 53, 52.688,
287.323


 83, 52.688,
287.323

 43, 52.688,
287.323

 93, 52.688,
287.323

 33, 52.688,
287.323

 23, 52.688,
287.323

 13, 52.688,
287.323

 3, 52.688, 287.323

 0, 52.688, 287.323

■ 63, 52.688,
287.323

■ 63, 52.688,
287.323

■ 57, 64.172,
289.967

■ 69, 41.585,
285.014

■ 51, 76.027,
292.913

■ 76, 30.838,
283.027

■ 45, 88.105,
296.051

■ 82, 20.411,
281.330

■ 40, 99.984,
299.182

■ 89, 10.275,
279.886

■ 36, 110.453,
301.883

■ 95, 0.409, 279.113

■ 100, 6.575,
109.674

Harmonies

Complementary

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



63, 52.688, 287.323



86, 49.648, 92.329

Rectangle

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



63, 52.688, 287.323



63, 52.688, 337.323



63, 52.688, 107.323



63, 52.688, 157.323

Sweetspot

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



63, 52.687, 287.324



90, 15.539, 280.525



88, 41.124, 175.463



46, 10.631, 280.833



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 52.687, 287.324



60, 66.471, 289.900



59, 69.568, 304.717



47, 5.559, 279.763



27, 88.378, 301.395



5, 31.741, 294.038

Inverse Universe

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



65, 50.041, 8.147



64, 62.051, 10.628



91, 61.817, 117.540



47, 5.217, 1.871



38, 71.241, 27.131



8, 28.921, 14.171

Previews

White Background



This preview shows how the CIELCh color 63, 52.688, 287.323 looks on a white background.

Color Contrast Check

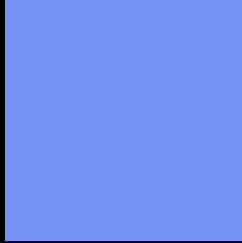
Large Text (above 18pt) WCAG AA × Fail

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 63, 52.688, 287.323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

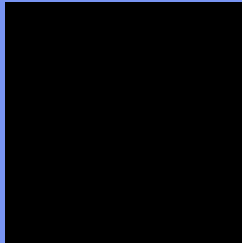
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 52.688, 287.323

Background



This preview shows how black text looks on a background with the CIELCh color 63, 52.688, 287.323.



This preview shows how white text looks on a background with the CIELCh color 63, 52.688, 287.323.

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



Original Color

63, 52.688, 287.323

Protanopia

63, 52.777, 285.982

Deuteranopia

63, 50.602, 280.547



Tritanopia
63, 21.271, 217.981

Trichromacy



Original Color
63, 52.688, 287.323

Protanomaly
63, 52.747, 286.237

Deuteranomaly
63, 50.850, 282.792

Tritanomaly
63, 27.312, 258.751

Monochromacy



Original Color
63, 52.688, 287.323

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 19.296, 281.982

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 52.688, 287.323 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(120, 148, 242)` looks like.

```
.text, #text, p{  
    color:rgb(120, 148, 242)  
}
```

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(120, 148, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 148, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 52.688, 287.323 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(120, 148, 242) }
```

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

```
.border{ border-color:rgb(120, 148, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 148, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 148, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 148, 242); box-shadow:4px 4px 4px 4px rgb(120, 148, 242) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 52.688, 287.323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 148, 242) }
```

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

```
.background{ background-color: rgb(120,  
148, 242) }
```

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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