

Converting Colors

CIELCh(62, 58.100, 285.278)

Have a look what the booklet for
CIELCh(62, 58.100, 285.278)
contains.

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Color

CIELCh(62, 58.106, 285.342)

Conversions

Conversions Part 1

Format	Color
Hex	6692F9
RGB	102, 146, 249
RGB Percent	40%, 57%, 98%
CMY	0.5981, 0.4259, 0.0218
CMYK	0.59, 0.41, 0.00, 0.02
HSL	222°, 93%, 69%
HSV	222°, 59%, 98%
XYZ	33.0448, 30.4025, 94.1193
YIQ	144.5860, -59.2870, 22.7050

Conversions

Conversions Part 2

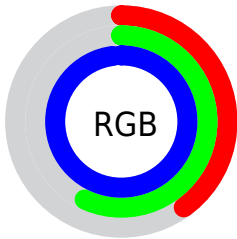
Format	Color
R _Y B	102, 136, 249
Decimal	6722297
CIE Lab	62.00, 15.37, -56.04
CIE LCh	62, 58.106, 285.342
Yxy	30.4025, 0.2097, 0.1930
Android (android.graphics.Color)	4284912377 (0xFF6692F9)
YUV	144.5860, 51.4761, -37.3479
Hunter-Lab	55.1385, 10.4836, -62.6088

Details

The CIELCh color **62, 58.106, 285.342** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **85, 56.284, 85.940**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 30.952, 271.344**, and **42, 58.266, 285.416** is the 20% darker color. If you saturate the color by 10%, you get **56, 68.875, 288.443**, and if you desaturate by 10%, it is **68, 47.652, 282.598**.

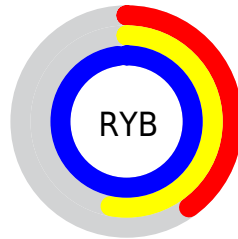
Distribution



Red (40%)

Green (57%)

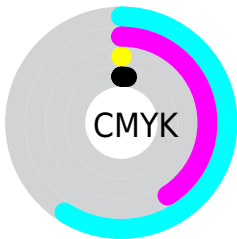
Blue (98%)



Red (40%)

Yellow (53%)

Blue (98%)

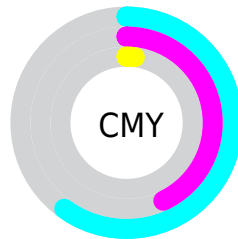


Cyan (59%)

Magenta (41%)

Yellow (0%)

Black (2%)



Cyan (60%)


Magenta (43%)


Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 58.106, 285.342 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 62, 58.106, 285.342 by changing the saturation by 10% instead.

 62, 58.106,
285.342

 62, 58.106,
285.342


 100, 58.106,
285.342


 52, 58.106,
285.342


 82, 58.106,
285.342

 42, 58.106,
285.342

 92, 58.106,
285.342

 32, 58.106,
285.342

 22, 58.106,
285.342

 12, 58.106,
285.342

 2, 58.106, 285.342

 0, 58.106, 285.342

■ 62, 58.106,
285.342

■ 62, 58.106,
285.342

■ 56, 68.875,
288.443

■ 68, 47.652,
282.598

■ 51, 79.949,
291.827

■ 74, 37.481,
280.219

■ 46, 91.183,
295.338

■ 80, 27.554,
278.180

■ 41, 102.189,
298.709

■ 86, 17.843,
276.441

■ 41, 103.351,
299.042

■ 93, 8.330, 274.966

■ 99, 0.994, 93.398

■ 100, 2.802,
109.941

Harmonies

Complementary

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



62, 58.106, 285.342



85, 56.284, 85.940

Rectangle

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



62, 58.106, 285.342



62, 58.106, 335.342



62, 58.106, 105.342



62, 58.106, 155.342

Sweetspot

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



62, 58.105, 285.343



89, 17.272, 276.299



90, 50.527, 169.202



46, 12.036, 276.770



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 58.105, 285.343



56, 72.450, 289.157



53, 84.169, 303.938



49, 5.323, 275.045



31, 82.357, 298.464



7, 32.177, 293.129

Inverse Universe

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



63, 60.143, 4.968



60, 71.861, 8.644



94, 71.953, 114.196



49, 5.569, 356.896



40, 69.999, 21.313



9, 30.576, 12.111

Previews

White Background



This preview shows how the CIELCh color 62, 58.106, 285.342 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 62, 58.106, 285.342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

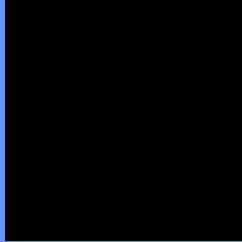
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 58.106, 285.342

Background



This preview shows how black text looks on a background with the CIELCh color 62, 58.106, 285.342.



This preview shows how white text looks on a background with the CIELCh color 62, 58.106, 285.342.

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


62, 58.106, 285.342

Protanopia

62, 57.986, 286.157

Deuteranopia

62, 56.601, 279.757



Tritanopia
62, 27.430, 214.116

Trichromacy



Original Color
62, 58.106, 285.342

Protanomaly
62, 58.016, 285.950

Deuteranomaly
62, 56.883, 281.459

Tritanomaly
62, 32.366, 253.687

Monochromacy



Original Color
62, 58.106, 285.342

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 21.368, 277.863

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 58.106, 285.342 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(102, 146, 249)` looks like.

```
.text, #text, p{  
    color:rgb(102, 146, 249)  
}
```

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(102, 146, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 146, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 58.106, 285.342 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(102, 146, 249) }
```

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

```
.border{ border-color:rgb(102, 146, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 146, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 146, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 146, 249);  
box-shadow:4px 4px 4px 4px rgb(102, 146,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 58.106, 285.342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 146, 249) }
```

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

```
.background{ background-color: rgb(102,  
146, 249) }
```

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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