

Converting Colors

CIELCh(62, 57.571, 286.901)

Have a look what the booklet for
CIELCh(62, 57.571, 286.901)
contains.

CIELCh(62, 57.935, 287.060)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(62, 57.935, 287.060)

Conversions

Conversions Part 1

Format	Color
Hex	6D91F8
RGB	109, 145, 248
RGB Percent	43%, 57%, 97%
CMY	0.5713, 0.4303, 0.0262
CMYK	0.56, 0.41, 0.00, 0.03
HSL	224°, 91%, 70%
HSV	224°, 56%, 97%
XYZ	33.5045, 30.4025, 93.1599
YIQ	145.9780, -54.5190, 24.4010

Conversions

Conversions Part 2

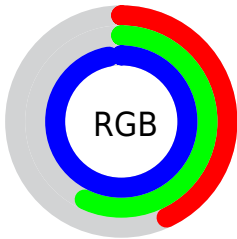
Format	Color
RYB	109, 138, 248
Decimal	7180792
CIELab	62.00, 17.00, -55.39
CIElCh	62, 57.935, 287.060
Yxy	30.4025, 0.2133, 0.1936
Android (android.graphics.Color)	4285370872 (0xFF6D91F8)
YUV	145.9780, 50.2968, -32.4297
Hunter-Lab	55.1385, 11.9719, -61.5771

Details

The CIELCh color **62, 57.935, 287.060** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **86, 54.859, 89.461**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 30.884, 275.360**, and **42, 58.065, 287.197** is the 20% darker color. If you saturate the color by 10%, you get **56, 69.332, 289.959**, and if you desaturate by 10%, it is **68, 46.900, 284.503**.

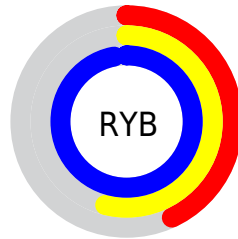
Distribution



Red (43%)

Green (57%)

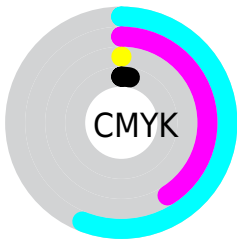
Blue (97%)



Red (43%)

Yellow (54%)

Blue (97%)

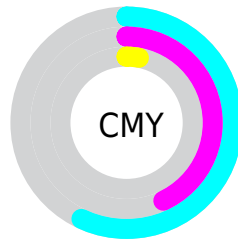


Cyan (56%)

Magenta (41%)

Yellow (0%)

Black (3%)



Cyan (57%)

Magenta (43%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 57.935, 287.060 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, 57.935, 287.060 by changing the saturation by 10% instead.

■ 62, 57.935,
287.060

■ 62, 57.935,
287.060

■ 100, 57.935,
287.060

■ 52, 57.935,
287.060

■ 82, 57.935,
287.060

■ 42, 57.935,
287.060

■ 92, 57.935,
287.060

■ 32, 57.935,
287.060

■ 22, 57.935,
287.060

■ 12, 57.935,
287.060

■ 2, 57.935, 287.060

■ 0, 57.935, 287.060

62, 57.935,
287.060

62, 57.935,
287.060

56, 69.332,
289.959

68, 46.900,
284.503

50, 81.058,
293.136

75, 36.202,
282.290

45, 92.920,
296.445

81, 25.804,
280.395

40, 104.421,
299.648

87, 15.676,
278.779

39, 108.789,
300.807

94, 5.797, 277.417

100, 3.382,
109.903

Harmonies

Complementary

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



62, 57.935, 287.060



86, 54.859, 89.461

Rectangle

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



62, 57.935, 287.060



62, 57.935, 337.060



62, 57.935, 107.060



62, 57.935, 157.060

Sweetspot

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



62, 57.934, 287.061



89, 17.071, 278.937



90, 46.945, 172.112



46, 11.446, 279.247



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, 57.934, 287.061



57, 72.071, 290.304



56, 79.382, 304.422



49, 5.567, 277.867



29, 87.096, 300.293



6, 33.865, 294.908

Inverse Universe

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



64, 56.842, 7.274



61, 68.577, 10.493



93, 68.935, 115.825



49, 5.465, 359.741



40, 71.511, 24.835



9, 30.723, 14.628

Previews

White Background



This preview shows how the CIELCh color 62, 57.935, 287.060 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, 57.935, 287.060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

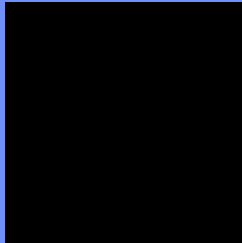
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 57.935, 287.060

Background



This preview shows how black text looks on a background with the CIELCh color 62, 57.935, 287.060.



This preview shows how white text looks on a background with the CIELCh color 62, 57.935, 287.060.

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, 57.935, 287.060

Protanopia

62, 57.957, 286.365

Deuteranopia

62, 55.459, 279.740



Tritanopia
62, 25.179, 214.472

Trichromacy



Original Color
62, 57.935, 287.060

Protanomaly
62, 57.929, 286.576

Deuteranomaly
62, 56.201, 282.412

Tritanomaly
62, 30.796, 256.249

Monochromacy



Original Color
62, 57.935, 287.060

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 21.173, 280.455

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 57.935, 287.060 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(109, 145, 248)` looks like.

```
.text, #text, p{  
    color:rgb(109, 145, 248)  
}
```

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(109, 145, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 145, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 57.935, 287.060 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(109, 145, 248) }
```

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

```
.border{ border-color:rgb(109, 145, 248) }
```

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

Here you see how a box with a 4 pixel rgb(109, 145, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 145, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 145, 248);  
box-shadow:4px 4px 4px 4px rgb(109, 145,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 57.935, 287.060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 145, 248) }
```

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

```
.background{ background-color: rgb(109,  
145, 248) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor