

Converting Colors

CIELCh(64, 58.514, 290.864)

Have a look what the booklet for
CIELCh(64, 58.514, 290.864)
contains.

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Color

CIELCh(64, 58.450, 290.820)

Conversions

Conversions Part 1

Format	Color
Hex	8094FD
RGB	128, 148, 253
RGB Percent	50%, 58%, 99%
CMY	0.4986, 0.4201, 0.0084
CMYK	0.49, 0.42, 0.00, 0.01
HSL	230°, 97%, 75%
HSV	230°, 49%, 99%
XYZ	37.1584, 32.8017, 97.1847
YIQ	153.9900, -45.6250, 28.4150

Conversions

Conversions Part 2

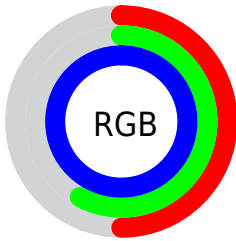
Format	Color
R _Y B	128, 145, 253
Decimal	8426749
CIE Lab	64.00, 20.78, -54.63
CIE LCh	64, 58.450, 290.820
Yxy	32.8017, 0.2223, 0.1962
Android (android.graphics.Color)	4286616829 (0xFF8094FD)
YUV	153.9900, 48.8119, -22.7932
Hunter-Lab	57.2727, 15.5829, -60.5168

Details

The CIELCh color `64, 58.450, 290.820` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `92, 53.469, 96.993`, and the grayscale version is `63, 0.008, 296.813`.

A 20% lighter version of the original color is `82, 28.369, 282.912`, and `44, 58.473, 290.682` is the 20% darker color. If you saturate the color by 10%, you get `57, 71.594, 293.302`, and if you desaturate by 10%, it is `71, 45.777, 288.645`.

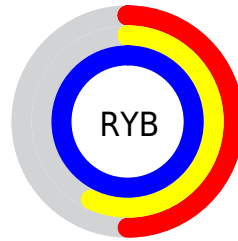
Distribution



Red (50%)

Green (58%)

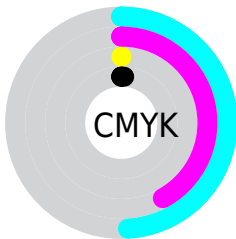
Blue (99%)



Red (50%)

Yellow (57%)

Blue (99%)

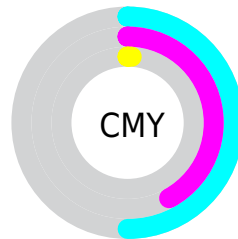


Cyan (49%)

Magenta (42%)

Yellow (0%)

Black (1%)



Cyan (50%)


Magenta (42%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 58.450, 290.820 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 64, 58.450, 290.820 by changing the saturation by 10% instead.

 64, 58.450,
290.820

 64, 58.450,
290.820


 100, 58.450,
290.820


 54, 58.450,
290.820


 84, 58.450,
290.820

 44, 58.450,
290.820

 94, 58.450,
290.820

 34, 58.450,
290.820

 24, 58.450,
290.820

 14, 58.450,
290.820

 4, 58.450, 290.820

 0, 58.450, 290.820

■ 64, 58.450,
290.820

■ 64, 58.450,
290.820

■ 57, 71.594,
293.302

■ 71, 45.777,
288.645

■ 51, 85.118,
296.039

■ 78, 33.571,
286.773

■ 44, 98.685,
298.897

■ 85, 21.795,
285.174

■ 39, 111.493,
301.637

■ 93, 10.414,
283.817

■ 35, 122.211,
303.928

■ 100, 0.604,
102.368

■ 35, 122.730,
304.034

■ 100, 1.074,
110.026

Harmonies

Complementary

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



64, 58.450, 290.820



92, 53.469, 96.993

Rectangle

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



64, 58.450, 290.820



64, 58.450, 340.820



64, 58.450, 110.820



64, 58.450, 160.820

Sweetspot

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



64, 58.449, 290.821



89, 16.817, 284.546



92, 39.873, 181.118



46, 11.513, 284.839



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 58.449, 290.821



58, 71.505, 293.195



62, 70.774, 306.572



49, 6.320, 283.827



26, 98.264, 303.674



5, 39.031, 298.660

Inverse Universe

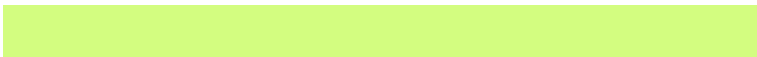
The Inverse Universe completely reimagines the original color for something new.



68, 50.764, 13.235



64, 61.426, 15.695



94, 63.726, 120.374



50, 5.361, 7.144



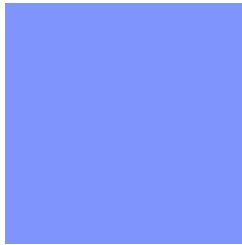
40, 76.959, 32.419



10, 32.220, 20.589

Previews

White Background



This preview shows how the CIELCh color 64, 58.450, 290.820 looks on a white background.

Color Contrast Check

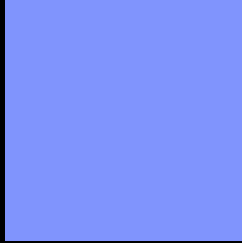
Large Text (above 18pt) WCAG AA × Fail

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 64, 58.450, 290.820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

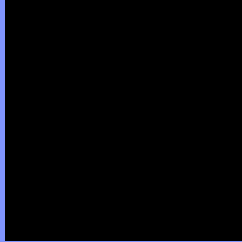
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 58.450, 290.820

Background



This preview shows how black text looks on a background with the CIELCh color 64, 58.450, 290.820.



This preview shows how white text looks on a background with the CIELCh color 64, 58.450, 290.820.

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


64, 58.450, 290.820

Protanopia

64, 58.186, 286.241

Deuteranopia

64, 54.461, 280.192



Tritanopia
64, 20.267, 219.058

Trichromacy



Original Color
64, 58.450, 290.820

Protanomaly
64, 58.053, 287.818

Deuteranomaly
64, 56.159, 284.382

Tritanomaly
64, 28.943, 264.706

Monochromacy



Original Color
64, 58.450, 290.820

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 21.339, 285.101

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 58.450, 290.820 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(128, 148, 253)` looks like.

```
.text, #text, p{  
    color:rgb(128, 148, 253)  
}
```

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(128, 148, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 148, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 58.450, 290.820 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(128, 148, 253) }
```

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

```
.border{ border-color:rgb(128, 148, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 148, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 148, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 148, 253);  
box-shadow:4px 4px 4px 4px rgb(128, 148,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 58.450, 290.820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 148, 253) }
```

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

```
.background{ background-color: rgb(128,  
148, 253) }
```

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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