

Converting Colors

CIELCh(64, 62.546, 295.803)

Have a look what the booklet for
CIELCh(64, 62.546, 295.803)
contains.

CIELCh(64, 61.758, 295.560)	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(64, 61.758, 295.560)

Conversions

Conversions Part 1

Format	Color
Hex	8D90FF
RGB	141, 144, 255
RGB Percent	55%, 56%, 100%
CMY	0.4473, 0.4355, 0.0003
CMYK	0.45, 0.44, 0.00, 0.00
HSL	238°, 100%, 78%
HSV	238°, 45%, 100%
XYZ	38.9773, 32.8017, 98.8301
YIQ	155.7570, -37.4190, 33.8850

Conversions

Conversions Part 2

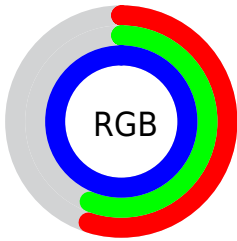
Format	Color
RYB	141, 144, 255
Decimal	9277695
CIELab	64.00, 26.65, -55.71
CIELCh	64, 61.758, 295.560
Yxy	32.8017, 0.2285, 0.1923
Android (android.graphics.Color)	4287467775 (0xFF8D90FF)
YUV	155.7570, 48.9268, -12.9419
Hunter-Lab	57.2727, 21.2519, -62.2201

Details

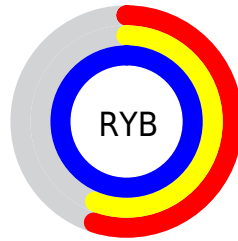
The CIELCh color **64, 61.758, 295.560** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **97, 55.022, 104.672**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 30.295, 293.393**, and **44, 61.867, 295.595** is the 20% darker color. If you saturate the color by 10%, you get **56, 77.132, 297.674**, and if you desaturate by 10%, it is **72, 46.933, 293.701**.

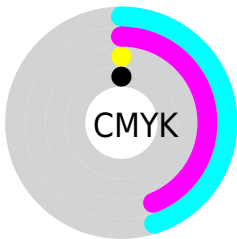
Distribution



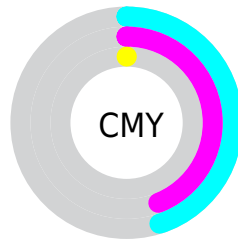
- Red (55%)
- Green (56%)
- Blue (100%)



- Red (55%)
- Yellow (56%)
- Blue (100%)



- Cyan (45%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)





- Cyan (45%)
- Magenta (44%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 61.758, 295.560 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, 61.758, 295.560 by changing the saturation by 10% instead.

 64, 61.758,
295.560


 64, 61.758,
295.560


 100, 61.758,
295.560


 54, 61.758,
295.560


 84, 61.758,
295.560

 44, 61.758,
295.560

 94, 61.758,
295.560

 34, 61.758,
295.560

 24, 61.758,
295.560

 14, 61.758,
295.560

 4, 61.758, 295.560

 0, 61.758, 295.560

■ 64, 61.758,
295.560

■ 64, 61.758,
295.560

■ 56, 77.132,
297.674

■ 72, 46.933,
293.701

■ 49, 92.789,
299.972

■ 80, 32.716,
292.104

■ 42, 107.981,
302.280

■ 88, 19.087,
290.747

■ 37, 121.162,
304.301

■ 96, 6.004, 289.606

■ 34, 130.158,
305.687

100, 0.021,
106.488

■ 33, 132.759,
306.075

Harmonies

Complementary

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



64, 61.758, 295.560



97, 55.022, 104.672

Rectangle

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



64, 61.758, 295.560



64, 61.758, 345.560



64, 61.758, 115.560



64, 61.758, 165.560

Sweetspot

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



64, 61.757, 295.561



90, 16.808, 290.536



93, 34.414, 193.993



46, 11.813, 290.809



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, 61.757, 295.561



57, 76.033, 297.515



68, 64.738, 310.308



49, 7.301, 290.126



23, 106.594, 305.983



4, 43.291, 301.323

Inverse Universe

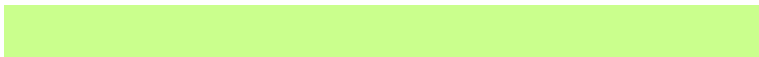
The Inverse Universe completely reimagines the original color for something new.



71, 46.754, 22.279



66, 57.832, 24.286



94, 60.257, 125.754



49, 5.253, 17.810



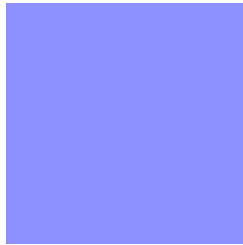
40, 83.062, 38.975



10, 33.150, 26.124

Previews

White Background



This preview shows how the CIELCh color 64, 61.758, 295.560 looks on a white background.

Color Contrast Check

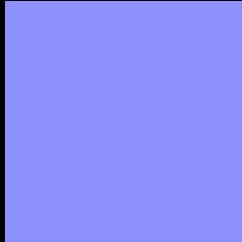
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 64, 61.758, 295.560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

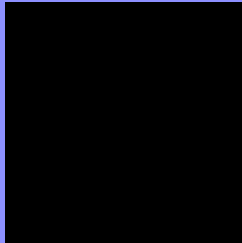
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 61.758, 295.560

Background



This preview shows how black text looks on a background with the CIELCh color 64, 61.758, 295.560.



This preview shows how white text looks on a background with the CIELCh color 64, 61.758, 295.560.

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
64, 16.050, 225.341

Trichromacy



Original Color
64, 61.758, 295.560

Protanomaly
64, 59.628, 289.897

Deuteranomaly
64, 57.151, 285.677

Tritanomaly
64, 28.372, 274.927

Monochromacy



Original Color
64, 61.758, 295.560

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 22.329, 291.651

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 61.758, 295.560 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(141, 144, 255)` looks like.

```
.text, #text, p{  
    color:rgb(141, 144, 255)  
}
```

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(141, 144, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 144, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 61.758, 295.560 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(141, 144, 255) }
```

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

```
.border{ border-color:rgb(141, 144, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 144, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 144, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 144, 255); box-shadow:4px 4px 4px 4px rgb(141, 144, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 61.758, 295.560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 144, 255) }
```

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

```
.background{ background-color: rgb(141,  
144, 255) }
```

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