

Converting Colors

CIELCh(65, 57.858, 289.809)

Have a look what the booklet for
CIELCh(65, 57.858, 289.809)
contains.

CIELCh(65, 57.780, 289.854)	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(65, 57.780, 289.854)

Conversions

Conversions Part 1

Format	Color
Hex	8097FF
RGB	128, 151, 255
RGB Percent	50%, 59%, 100%
CMY	0.4971, 0.4070, 0.0000
CMYK	0.50, 0.41, 0.00, 0.00
HSL	229°, 100%, 75%
HSV	229°, 50%, 100%
XYZ	38.1298, 34.0472, 99.3758
YIQ	155.9790, -47.0920, 27.4680

Conversions

Conversions Part 2

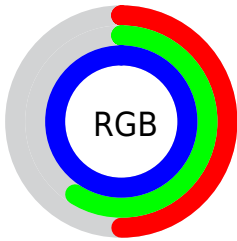
Format	Color
R _Y B	128, 147, 255
Decimal	8427519
CIE Lab	65.00, 19.62, -54.35
CIE LCh	65, 57.780, 289.854
Yxy	34.0472, 0.2223, 0.1985
Android (android.graphics.Color)	4286617599 (0xFF8097FF)
YUV	155.9790, 48.8174, -24.5376
Hunter-Lab	58.3500, 14.5316, -60.1318

Details

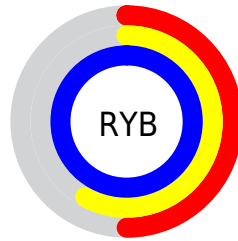
The CIELCh color `65, 57.780, 289.854` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `92, 53.161, 95.633`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `83, 26.899, 280.125`, and `45, 57.722, 289.695` is the 20% darker color. If you saturate the color by 10%, you get `58, 70.506, 292.358`, and if you desaturate by 10%, it is `72, 45.245, 287.606`.

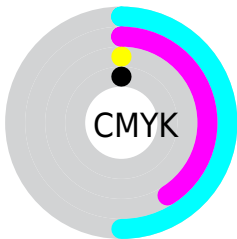
Distribution



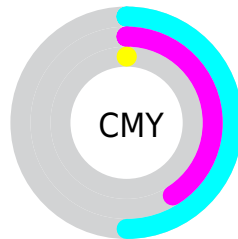
- Red (50%)
- Green (59%)
- Blue (100%)



- Red (50%)
- Yellow (58%)
- Blue (100%)



- Cyan (50%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 57.780, 289.854 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 65, 57.780, 289.854 by changing the saturation by 10% instead.

■ 65, 57.780,
289.854

■ 65, 57.780,
289.854

■ 100, 57.780,
289.854

■ 55, 57.780,
289.854

■ 85, 57.780,
289.854

■ 45, 57.780,
289.854

■ 95, 57.780,
289.854

■ 35, 57.780,
289.854

■ 25, 57.780,
289.854

■ 15, 57.780,
289.854

■ 5, 57.780, 289.854

■ 0, 57.780, 289.854

■ 65, 57.780,
289.854

■ 65, 57.780,
289.854

■ 58, 70.506,
292.358

■ 72, 45.245,
287.606

■ 52, 83.756,
295.162

■ 79, 33.284,
285.697

■ 46, 97.121,
298.111

■ 86, 21.728,
284.067

■ 40, 109.913,
300.975

■ 93, 10.542,
282.683

■ 36, 120.948,
303.429

■ 100, 0.012,
296.813

■ 36, 121.234,
303.489

Harmonies

Complementary

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



65, 57.780, 289.854



92, 53.161, 95.633

Rectangle

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



65, 57.780, 289.854



65, 57.780, 339.854



65, 57.780, 109.854



65, 57.780, 159.854

Sweetspot

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



65, 57.647, 289.825



89, 16.420, 283.387



93, 40.805, 179.648



46, 11.239, 283.685



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 57.647, 289.825



58, 70.891, 292.437



63, 71.628, 306.108



49, 6.174, 282.657



27, 96.318, 303.084



6, 38.325, 298.136

Inverse Universe

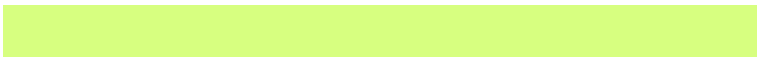
The Inverse Universe completely reimagines the original color for something new.



69, 51.376, 11.693



64, 62.282, 14.363



95, 64.264, 119.675



50, 5.395, 5.515



40, 75.883, 30.968



10, 32.095, 19.644

Previews

White Background



This preview shows how the CIELCh color 65, 57.780, 289.854 looks on a white background.

Color Contrast Check

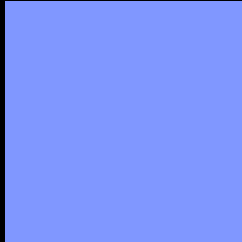
Large Text (above 18pt) WCAG AA × Fail

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 65, 57.780, 289.854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

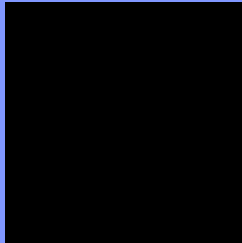
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 57.780, 289.854

Background



This preview shows how black text looks on a background with the CIELCh color 65, 57.780, 289.854.



This preview shows how white text looks on a background with the CIELCh color 65, 57.780, 289.854.

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

65, 57.780, 289.854

Protanopia

65, 56.352, 285.995

Deuteranopia

65, 54.273, 280.170



Tritanopia
65, 21.135, 219.685

Trichromacy



Original Color
65, 57.780, 289.854

Protanomaly
65, 56.801, 287.358

Deuteranomaly
65, 54.952, 283.296

Tritanomaly
65, 29.218, 263.132

Monochromacy



Original Color
65, 57.780, 289.854

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 21.290, 285.064

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 57.780, 289.854 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, 151, 255)` looks like.

```
.text, #text, p{  
    color:rgb(128, 151, 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(128, 151, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 151, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 57.780, 289.854 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, 151, 255) }
```

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

```
.border{ border-color:rgb(128, 151, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 151, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 151, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 151, 255);  
box-shadow:4px 4px 4px 4px rgb(128, 151,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 57.780, 289.854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 151, 255) }
```

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

```
.background{ background-color: rgb(128,  
151, 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](#).

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