

Converting Colors

CIELCh(66, 57.002, 290.501)

Have a look what the booklet for
CIELCh(66, 57.002, 290.501)
contains.

CIELCh(66, 56.501, 290.522)	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(66, 56.501, 290.522)

Conversions

Conversions Part 1

Format	Color
Hex	879AFF
RGB	135, 154, 255
RGB Percent	53%, 60%, 100%
CMY	0.4723, 0.3980, 0.0000
CMYK	0.47, 0.40, 0.00, 0.00
HSL	231°, 100%, 76%
HSV	231°, 47%, 100%
XYZ	39.5410, 35.3238, 99.8280
YIQ	159.8330, -43.7450, 27.3830

Conversions

Conversions Part 2

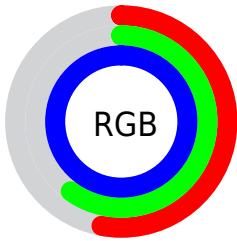
Format	Color
RYB	135, 151, 255
Decimal	8887039
CIELab	66.00, 19.81, -52.92
CIELCh	66, 56.501, 290.522
Yxy	35.3238, 0.2263, 0.2022
Android (android.graphics.Color)	4287077119 (0xFF879AFF)
YUV	159.8330, 46.9173, -21.7785
Hunter-Lab	59.4338, 14.7458, -57.9827

Details

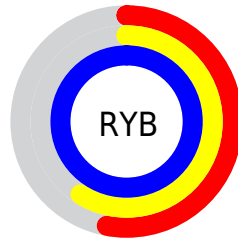
The CIELCh color `66, 56.501, 290.522` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `93, 51.655, 97.422`, and the grayscale version is `65, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 25.131, 281.194`, and `46, 56.274, 290.547` is the 20% darker color. If you saturate the color by 10%, you get `59, 69.374, 292.869`, and if you desaturate by 10%, it is `73, 43.487, 288.353`.

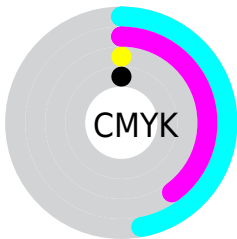
Distribution



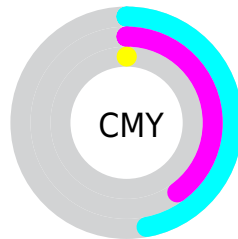
- Red (53%)
- Green (60%)
- Blue (100%)



- Red (53%)
- Yellow (59%)
- Blue (100%)



- Cyan (47%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)





- Cyan (47%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 56.501, 290.522 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 66, 56.501, 290.522 by changing the saturation by 10% instead.


 66, 56.501,
290.522


 66, 56.501,
290.522


 100, 56.501,
290.522


 56, 56.501,
290.522


 86, 56.501,
290.522

 46, 56.501,
290.522

 96, 56.501,
290.522

 36, 56.501,
290.522

 26, 56.501,
290.522

 16, 56.501,
290.522

 6, 56.501, 290.522

 0, 56.501, 290.522

■ 66, 56.501,
290.522

■ 66, 56.501,
290.522

■ 59, 69.374,
292.869

■ 73, 43.487,
288.353

■ 52, 82.976,
295.552

■ 80, 31.251,
286.546

■ 46, 96.716,
298.391

■ 88, 19.444,
285.006

■ 41, 109.890,
301.167

■ 95, 8.031, 283.702

■ 36, 121.218,
303.574

100, 0.012,
296.813

■ 35, 123.849,
304.111

Harmonies

Complementary

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



66, 56.501, 290.522



93, 51.655, 97.422

Rectangle

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



66, 56.501, 290.522



66, 56.501, 340.522



66, 56.501, 110.522



66, 56.501, 160.522

Sweetspot

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



66, 56.190, 290.458



90, 15.721, 284.560



93, 38.696, 181.358



46, 10.891, 284.856



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 56.190, 290.458



59, 69.072, 292.812



65, 67.910, 306.386



49, 6.340, 283.979



26, 98.512, 303.747



5, 39.121, 298.725

Inverse Universe

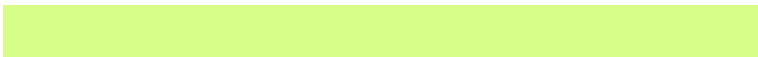
The Inverse Universe completely reimagines the original color for something new.



70, 48.699, 12.963



65, 59.326, 15.349



95, 61.495, 120.473



50, 5.357, 7.363



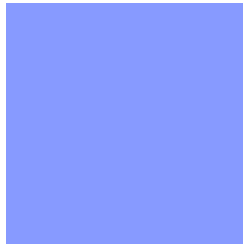
40, 77.103, 32.605



10, 32.237, 20.709

Previews

White Background



This preview shows how the CIELCh color 66, 56.501, 290.522 looks on a white background.

Color Contrast Check

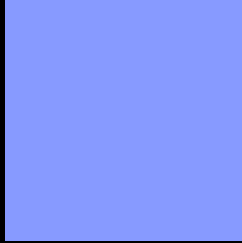
Large Text (above 18pt) WCAG AA × Fail

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 66, 56.501, 290.522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

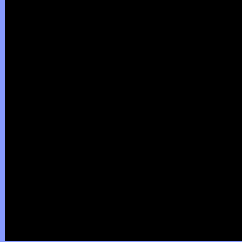
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 56.501, 290.522

Background



This preview shows how black text looks on a background with the CIELCh color 66, 56.501, 290.522.



This preview shows how white text looks on a background with the CIELCh color 66, 56.501, 290.522.

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

66, 55.902, 290.369

Protanopia

66, 54.525, 285.784

Deuteranopia

66, 52.936, 280.591



Tritanopia
66, 19.614, 221.529

Trichromacy



Original Color
66, 55.902, 290.369

Protanomaly
66, 54.940, 287.473

Deuteranomaly
66, 53.613, 283.913

Tritanomaly
66, 28.027, 265.296

Monochromacy



Original Color
66, 55.902, 290.369

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 20.635, 285.664

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 56.501, 290.522 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(135, 154, 255)` looks like.

```
.text, #text, p{  
    color:rgb(135, 154, 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(135, 154, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 154, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 56.501, 290.522 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(135, 154, 255) }
```

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

```
.border{ border-color:rgb(135, 154, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 154, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 154, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 154, 255);  
box-shadow:4px 4px 4px 4px rgb(135, 154,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 56.501, 290.522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 154, 255) }
```

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

```
.background{ background-color: rgb(135,  
154, 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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