

Converting Colors

CIELCh(66, 56.591, 289.509)

Have a look what the booklet for
CIELCh(66, 56.591, 289.509)
contains.

CIELCh(66, 55.983, 289.348)	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, 55.983, 289.348)

Conversions

Conversions Part 1

Format	Color
Hex	839AFF
RGB	131, 154, 255
RGB Percent	51%, 60%, 100%
CMY	0.4848, 0.3947, 0.0000
CMYK	0.48, 0.39, 0.00, 0.00
HSL	229°, 100%, 76%
HSV	229°, 48%, 100%
XYZ	39.1419, 35.3238, 99.6832
YIQ	158.6370, -46.1290, 26.5350

Conversions

Conversions Part 2

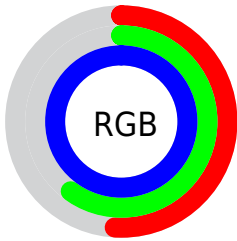
Format	Color
RYB	131, 150, 255
Decimal	8624895
CIELab	66.00, 18.55, -52.82
CIELCh	66, 55.983, 289.348
Yxy	35.3238, 0.2248, 0.2028
Android (android.graphics.Color)	4286814975 (0xFF839AFF)
YUV	158.6370, 47.5070, -24.2376
Hunter-Lab	59.4338, 13.5473, -57.8382

Details

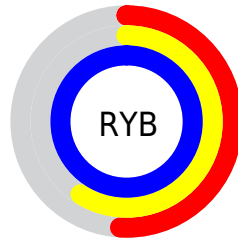
The CIELCh color **66, 55.983, 289.348** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **92, 51.700, 95.496**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 25.364, 278.403**, and **46, 56.385, 289.540** is the 20% darker color. If you saturate the color by 10%, you get **59, 68.498, 291.805**, and if you desaturate by 10%, it is **73, 43.510, 287.114**.

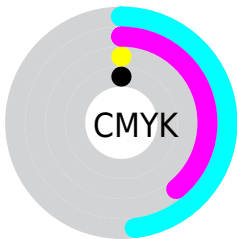
Distribution



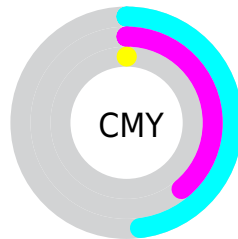
- Red (51%)
- Green (60%)
- Blue (100%)



- Red (51%)
- Yellow (59%)
- Blue (100%)



- Cyan (48%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 55.983, 289.348 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, 55.983, 289.348 by changing the saturation by 10% instead.

■ 66, 55.983,
289.348

■ 66, 55.983,
289.348

■ 100, 55.983,
289.348

■ 56, 55.983,
289.348

■ 86, 55.983,
289.348

■ 46, 55.983,
289.348

■ 96, 55.983,
289.348

■ 36, 55.983,
289.348

■ 26, 55.983,
289.348

■ 16, 55.983,
289.348

■ 6, 55.983, 289.348

■ 0, 55.983, 289.348

■ 66, 55.983,
289.348

■ 66, 55.983,
289.348

■ 59, 68.498,
291.805

■ 73, 43.510,
287.114

■ 53, 81.627,
294.593

■ 80, 31.672,
285.235

■ 47, 94.936,
297.551

■ 87, 20.229,
283.632

■ 41, 107.825,
300.467

■ 94, 9.145, 282.272

■ 37, 119.189,
303.035

100, 0.012,
296.813

■ 37, 120.712,
303.362

Harmonies

Complementary

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



66, 55.983, 289.348



92, 51.700, 95.496

Rectangle

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



66, 55.983, 289.348



66, 55.983, 339.348



66, 55.983, 109.348



66, 55.983, 159.348

Sweetspot

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



66, 55.778, 289.300



89, 16.336, 283.133



93, 40.483, 178.390



46, 11.181, 283.432



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, 55.778, 289.300



59, 67.882, 291.678



63, 69.712, 305.507



49, 6.143, 282.401



27, 95.883, 302.950



6, 38.168, 298.015

Inverse Universe

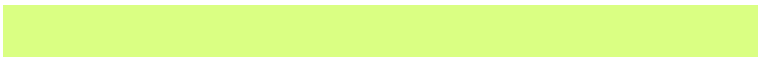
The Inverse Universe completely reimagines the original color for something new.



69, 50.046, 11.073



65, 60.181, 13.445



95, 62.587, 119.037



50, 5.403, 5.171



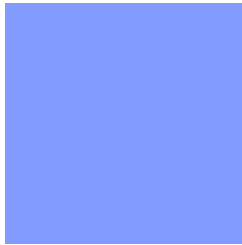
40, 75.656, 30.646



10, 32.069, 19.432

Previews

White Background



This preview shows how the CIELCh color 66, 55.983, 289.348 looks on a white background.

Color Contrast Check

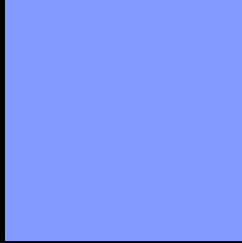
Large Text (above 18pt) WCAG AA × Fail

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, 55.983, 289.348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

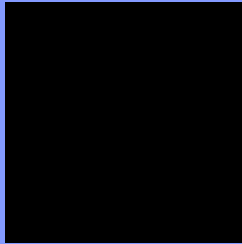
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 55.983, 289.348

Background



This preview shows how black text looks on a background with the CIELCh color 66, 55.983, 289.348.



This preview shows how white text looks on a background with the CIELCh color 66, 55.983, 289.348.

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, 55.983, 289.348

Protanopia

66, 54.525, 285.784

Deuteranopia

66, 52.936, 280.591



Tritanopia
66, 20.510, 218.663

Trichromacy



Original Color
66, 55.983, 289.348

Protanomaly
66, 54.995, 286.978

Deuteranomaly
66, 53.649, 283.676

Tritanomaly
66, 28.010, 262.560

Monochromacy



Original Color
66, 55.983, 289.348

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 20.669, 284.737

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 55.983, 289.348 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(131, 154, 255)` looks like.

```
.text, #text, p{  
    color:rgb(131, 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(131, 154, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 154, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 55.983, 289.348 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(131, 154, 255) }
```

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

```
.border{ border-color:rgb(131, 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(131, 154, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 154, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 154, 255);  
box-shadow:4px 4px 4px 4px rgb(131, 154,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 55.983, 289.348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 154, 255) }
```

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

```
.background{ background-color: rgb(131,  
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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