

Converting Colors

CIELCh(66, 53.082, 264.432)

Have a look what the booklet for
CIELCh(66, 53.082, 264.432)
contains.

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Color

CIELCh(66, 53.188, 264.582)

Conversions

Conversions Part 1

Format	Color
Hex	04A8FF
RGB	4, 168, 255
RGB Percent	2%, 66%, 100%
CMY	0.9835, 0.3405, 0.0000
CMYK	0.98, 0.34, 0.00, 0.00
HSL	201°, 100%, 51%
HSV	201°, 98%, 100%
XYZ	32.1633, 35.3238, 99.8821
YIQ	128.8820, -125.6710, -7.7110

Conversions

Conversions Part 2

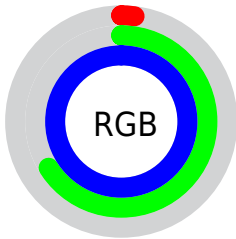
Format	Color
R _Y B	4, 103, 255
Decimal	305407
CIE Lab	66.00, -5.02, -52.95
CIE LCh	66, 53.188, 264.582
Yxy	35.3238, 0.1922, 0.2111
Android (android.graphics.Color)	4278495487 (0xFF04A8FF)
YUV	128.8820, 62.1762, -109.5215
Hunter-Lab	59.4338, -7.4119, -58.0366

Details

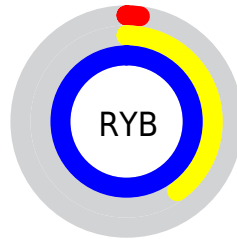
The CIELCh color **66, 53.188, 264.582** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **61, 91.735, 49.408**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **84, 33.965, 227.792**, and **48, 50.319, 274.513** is the 20% darker color. If you saturate the color by 10%, you get **66, 53.737, 265.343**, and if you desaturate by 10%, it is **69, 49.421, 259.354**.

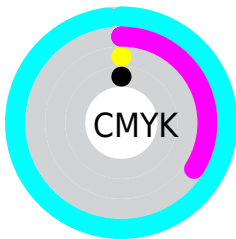
Distribution



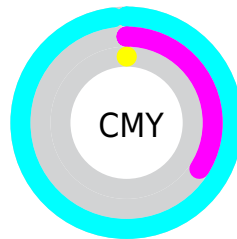
- Red (2%)
- Green (66%)
- Blue (100%)



- Red (2%)
- Yellow (40%)
- Blue (100%)



- Cyan (98%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)





- Cyan (98%)
- Magenta (34%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 53.188, 264.582 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, 53.188, 264.582 by changing the saturation by 10% instead.


 66, 53.188,
264.582


 66, 53.188,
264.582


 100, 53.188,
264.582


 56, 53.188,
264.582


 86, 53.188,
264.582

 46, 53.188,
264.582

 96, 53.188,
264.582

 36, 53.188,
264.582

 26, 53.188,
264.582

 16, 53.188,
264.582

 6, 53.188, 264.582

 0, 53.188, 264.582

■ 66, 53.188,
264.582

■ 66, 53.188,
264.582

■ 66, 53.737,
265.343

■ 69, 49.421,
259.354

■ 72, 45.593,
254.704

■ 75, 41.408,
250.708

■ 78, 36.738,
247.375

■ 81, 31.531,
244.649

■ 85, 25.799,
242.446

■ 89, 19.589,
240.678

■ 93, 12.971,

239.268

 97, 6.018, 238.174

Harmonies

Complementary

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



66, 53.188, 264.582



61, 91.735, 49.408

Rectangle

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



66, 53.188, 264.582



66, 53.188, 314.582



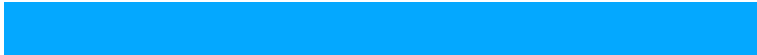
66, 53.188, 84.582



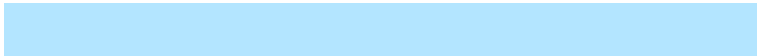
66, 53.188, 134.582

Sweetspot

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



66, 53.110, 264.504



88, 20.642, 240.942



88, 103.569, 142.097



45, 13.928, 241.666



0, 0.000, 0.000



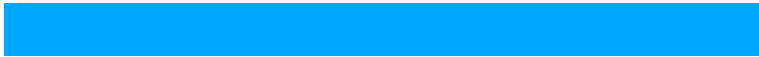
53, 0.007, 296.813

Same Dimension

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



66, 53.110, 264.504



66, 53.737, 265.343



36, 121.282, 303.553



51, 4.088, 238.283



50, 42.795, 264.365



15, 18.300, 257.106

Inverse Universe

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



56, 89.446, 348.570



56, 89.448, 348.983



86, 86.468, 90.649



50, 7.102, 336.868



42, 72.285, 348.500



11, 34.089, 345.280

Previews

White Background



This preview shows how the CIELCh color 66, 53.188, 264.582 looks on a white background.

Color Contrast Check

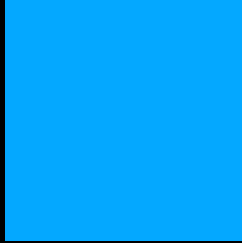
Large Text (above 18pt) WCAG AA × Fail

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, 53.188, 264.582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

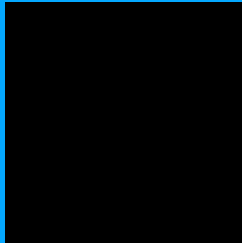
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

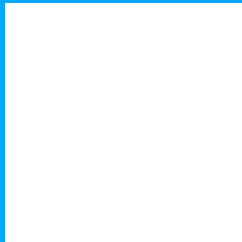
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 53.188, 264.582

Background



This preview shows how black text looks on a background with the CIELCh color 66, 53.188, 264.582.

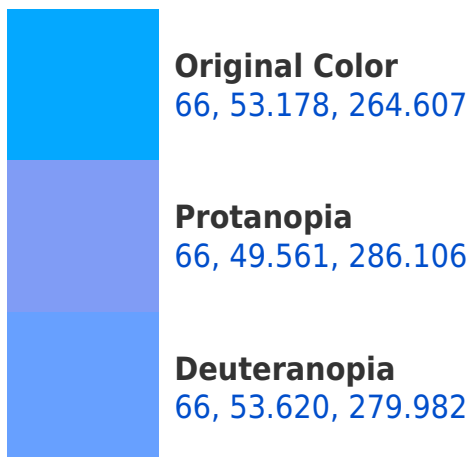


This preview shows how white text looks on a background with the CIELCh color 66, 53.188, 264.582.

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
66, 36.811, 208.078

Trichromacy



Original Color
66, 53.178, 264.607



Protanomaly
65, 51.510, 274.343



Deuteranomaly
65, 53.717, 272.145



Tritanomaly
66, 38.264, 233.159

Monochromacy



Original Color
66, 53.178, 264.607



Achromatopsia
54, 0.007, 296.813



Achromatomaly
57, 24.860, 246.053

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 53.188, 264.582 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(4, 168, 255)` looks like.

```
.text, #text, p{  
    color:rgb(4, 168, 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(4, 168, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 168, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 53.188, 264.582 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(4, 168, 255) }
```

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

```
.border{ border-color:rgb(4, 168, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 168, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 168, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 168, 255);  
box-shadow:4px 4px 4px 4px rgb(4, 168,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 53.188, 264.582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 168, 255) }
```

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

```
.background{ background-color: rgb(4, 168,  
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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