

Converting Colors

CIELCh(66, 52.490, 266.145)

Have a look what the booklet for
CIELCh(66, 52.490, 266.145)
contains.

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Color

CIELCh(66, 52.545, 266.303)

Conversions

Conversions Part 1

Format	Color
Hex	27A7FE
RGB	39, 167, 254
RGB Percent	15%, 65%, 100%
CMY	0.8485, 0.3441, 0.0029
CMYK	0.85, 0.34, 0.00, 0.00
HSL	204°, 99%, 57%
HSV	204°, 85%, 100%
XYZ	32.6179, 35.3238, 99.0905
YIQ	138.6460, -104.2150, -0.0790

Conversions

Conversions Part 2

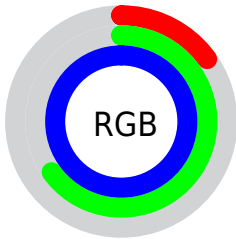
Format	Color
R _Y B	39, 119, 254
Decimal	2598910
CIE Lab	66.00, -3.39, -52.44
CIE LCh	66, 52.545, 266.303
Yxy	35.3238, 0.1953, 0.2115
Android (android.graphics.Color)	4280788990 (0xFF27A7FE)
YUV	138.6460, 56.8695, -87.3895
Hunter-Lab	59.4338, -6.0465, -57.2470

Details

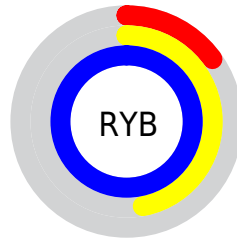
The CIELCh color **66, 52.545, 266.303** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **67, 78.701, 55.820**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **84, 32.392, 230.664**, and **48, 49.810, 274.102** is the 20% darker color. If you saturate the color by 10%, you get **63, 57.523, 271.284**, and if you desaturate by 10%, it is **69, 47.516, 261.787**.

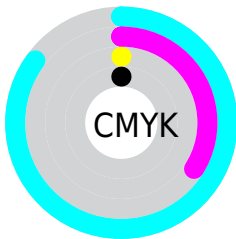
Distribution



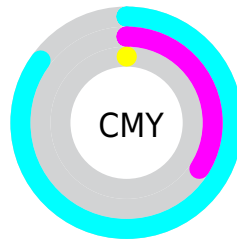
- Red (15%)
- Green (65%)
- Blue (100%)



- Red (15%)
- Yellow (47%)
- Blue (100%)



- Cyan (85%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)





- Cyan (85%)
- Magenta (34%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 52.545, 266.303 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, 52.545, 266.303 by changing the saturation by 10% instead.

 66, 52.545,
266.303


 66, 52.545,
266.303


 100, 52.545,
266.303


 56, 52.545,
266.303


 86, 52.545,
266.303

 46, 52.545,
266.303

 96, 52.545,
266.303

 36, 52.545,
266.303

 26, 52.545,
266.303

 16, 52.545,
266.303

 6, 52.545, 266.303

 0, 52.545, 266.303

■ 66, 52.545,
266.303

■ 66, 52.545,
266.303

■ 63, 57.523,
271.284

■ 69, 47.516,
261.787

■ 61, 60.178,
273.906

■ 73, 42.267,
257.856

■ 77, 36.685,
254.532

■ 81, 30.721,
251.772

■ 85, 24.381,
249.505

■ 89, 17.701,
247.653

■ 93, 10.733,
246.147

■ 98, 3.533, 244.995

100, 0.359,
109.936

Harmonies

Complementary

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



66, 52.545, 266.303



67, 78.701, 55.820

Rectangle

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



66, 52.545, 266.303



66, 52.545, 316.303



66, 52.545, 86.303



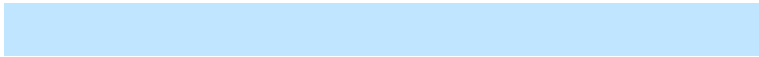
66, 52.545, 136.303

Sweetspot

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



66, 52.544, 266.304



89, 17.875, 247.686



88, 89.283, 147.478



46, 12.120, 248.297



0, 0.000, 0.000



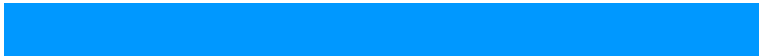
53, 0.007, 296.813

Same Dimension

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



66, 52.544, 266.304



61, 60.317, 273.914



39, 113.405, 302.421



51, 4.162, 245.480



47, 47.894, 272.969



14, 20.018, 265.793

Inverse Universe

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



57, 85.036, 349.519



56, 86.960, 353.900



91, 86.106, 97.062



50, 6.820, 339.489



42, 70.250, 353.288



11, 33.094, 349.210

Previews

White Background



This preview shows how the CIE LCh color 66, 52.545, 266.303 looks on a white background.

Color Contrast Check

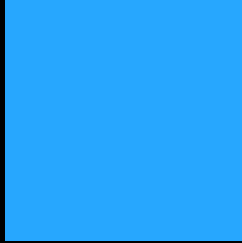
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 66, 52.545, 266.303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

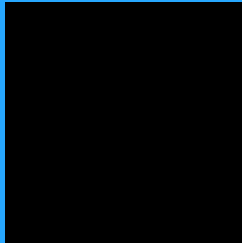
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

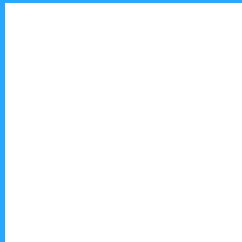
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 52.545, 266.303

Background



This preview shows how black text looks on a background with the CIELCh color 66, 52.545, 266.303.



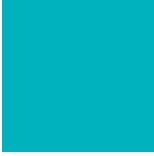
This preview shows how white text looks on a background with the CIELCh color 66, 52.545, 266.303.

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



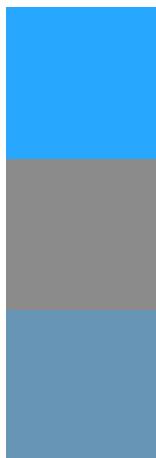
Original Color
66, 52.516, 266.377

Protanomaly
65, 50.428, 276.342

Deuteranomaly
66, 53.153, 274.043

Tritanomaly
66, 37.843, 233.688

Monochromacy



Original Color
66, 52.516, 266.377

Achromatopsia
58, 0.007, 296.813

Achromatomaly
60, 22.676, 252.022

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 52.545, 266.303 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(39, 167, 254)` looks like.

```
.text, #text, p{  
    color:rgb(39, 167, 254)  
}
```

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(39, 167, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 167, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 52.545, 266.303 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(39, 167, 254) }
```

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

```
.border{ border-color:rgb(39, 167, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 167, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 167, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 167, 254);  
box-shadow:4px 4px 4px 4px rgb(39, 167,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 52.545, 266.303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 167, 254) }
```

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

```
.background{ background-color: rgb(39, 167,  
254) }
```

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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