

Converting Colors

CIELCh(65, 48.599, 262.653)

Have a look what the booklet for
CIELCh(65, 48.599, 262.653)
contains.

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Color

CIELCh(65, 48.598, 262.503)

Conversions

Conversions Part 1

Format	Color
Hex	26A6F4
RGB	38, 166, 244
RGB Percent	15%, 65%, 96%
CMY	0.8507, 0.3506, 0.0448
CMYK	0.84, 0.32, 0.00, 0.04
HSL	203°, 90%, 55%
HSV	203°, 84%, 96%
XYZ	30.6295, 34.0472, 90.2025
YIQ	136.6200, -101.3260, -2.8780

Conversions

Conversions Part 2

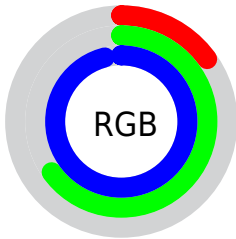
Format	Color
R _Y B	38, 117, 244
Decimal	2533108
CIE Lab	65.00, -6.34, -48.18
CIE LCh	65, 48.598, 262.503
Yxy	34.0472, 0.1978, 0.2198
Android (android.graphics.Color)	4280723188 (0xFF26A6F4)
YUV	136.6200, 52.9383, -86.4897
Hunter-Lab	58.3500, -8.4128, -50.8107

Details

The CIELCh color **65, 48.598, 262.503** 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 **63, 76.350, 54.060**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **83, 32.931, 231.187**, and **47, 45.319, 270.273** is the 20% darker color. If you saturate the color by 10%, you get **62, 52.874, 267.486**, and if you desaturate by 10%, it is **68, 44.190, 258.046**.

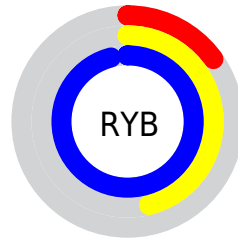
Distribution



Red (15%)

Green (65%)

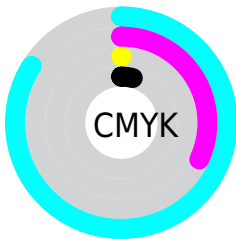
Blue (96%)



Red (15%)

Yellow (46%)

Blue (96%)

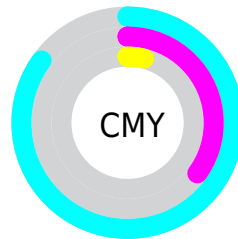


Cyan (84%)

Magenta (32%)

Yellow (0%)

Black (4%)



Cyan (85%)


Magenta (35%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 48.598, 262.503 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, 48.598, 262.503 by changing the saturation by 10% instead.


 65, 48.598,
262.503

 65, 48.598,
262.503


 100, 48.598,
262.503


 55, 48.598,
262.503


 85, 48.598,
262.503

 45, 48.598,
262.503

 95, 48.598,
262.503

 35, 48.598,
262.503

 25, 48.598,
262.503

 15, 48.598,
262.503

 5, 48.598, 262.503

 0, 48.598, 262.503

65, 48.598,
262.503

65, 48.598,
262.503

62, 52.874,
267.486

68, 44.190,
258.046

61, 55.332,
270.365

71, 39.487,
254.212

75, 34.387,
251.001

79, 28.856,
248.357

82, 22.909,
246.201

86, 16.590,
244.454

90, 9.959, 243.046

94, 3.075, 242.000

Harmonies

Complementary

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



65, 48.598, 262.503



63, 76.350, 54.060

Rectangle

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



65, 48.598, 262.503



65, 48.598, 312.503



65, 48.598, 82.503



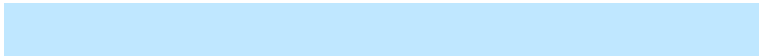
65, 48.598, 132.503

Sweetspot

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



65, 48.597, 262.504



90, 17.644, 244.564



85, 88.503, 146.262



46, 11.952, 245.146



0, 0.000, 0.000



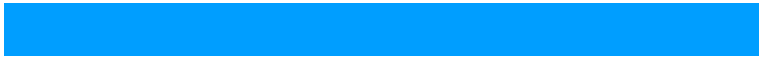
53, 0.007, 296.813

Same Dimension

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



65, 48.597, 262.504



63, 57.396, 270.502



39, 105.204, 301.196



49, 3.987, 242.475



47, 44.654, 269.433



13, 18.059, 261.403

Inverse Universe

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



55, 83.149, 347.640



56, 87.916, 351.780



86, 81.268, 94.844



48, 6.708, 338.355



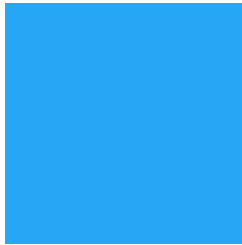
41, 69.646, 351.163



9, 31.818, 347.112

Previews

White Background



This preview shows how the CIE LCh color 65, 48.598, 262.503 looks on a white background.

Color Contrast Check

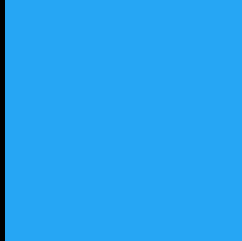
Large Text (above 18pt) WCAG AA × Fail

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 65, 48.598, 262.503 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

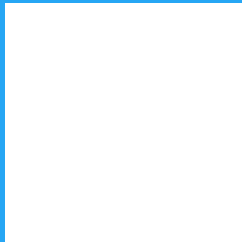
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 48.598, 262.503

Background



This preview shows how black text looks on a background with the CIELCh color 65, 48.598, 262.503.

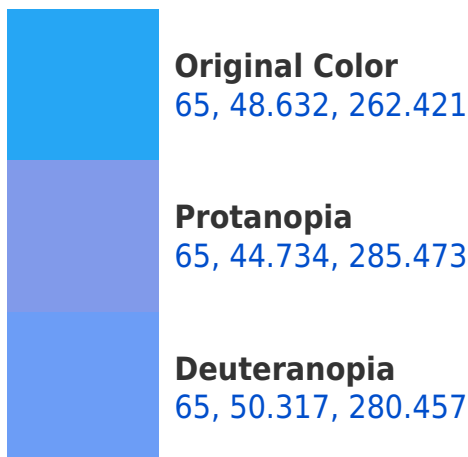


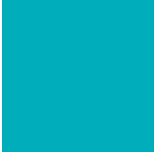
This preview shows how white text looks on a background with the CIELCh color 65, 48.598, 262.503.

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
65, 36.338, 208.270

Trichromacy



Original Color
65, 48.632, 262.421

Protanomaly
64, 45.844, 274.176

Deuteranomaly
65, 49.553, 272.956

Tritanomaly
65, 37.040, 231.441

Monochromacy



Original Color
65, 48.632, 262.421

Achromatopsia
57, 0.007, 296.813

Achromatomaly
59, 21.352, 246.961

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 48.598, 262.503 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(38, 166, 244)` looks like.

```
.text, #text, p{  
    color:rgb(38, 166, 244)  
}
```

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(38, 166, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 166, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 48.598, 262.503 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(38, 166, 244) }
```

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

```
.border{ border-color:rgb(38, 166, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 166, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 166, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 166, 244);  
box-shadow:4px 4px 4px 4px rgb(38, 166,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 48.598, 262.503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 166, 244) }
```

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

```
.background{ background-color: rgb(38, 166,  
244) }
```

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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