

Converting Colors

CIELCh(62, 48.568, 263.850)

Have a look what the booklet for
CIELCh(62, 48.568, 263.850)
contains.

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Color

CIELCh(62, 48.566, 263.829)

Conversions

Conversions Part 1

Format	Color
Hex	1C9DEB
RGB	28, 157, 235
RGB Percent	11%, 62%, 92%
CMY	0.8889, 0.3839, 0.0780
CMYK	0.88, 0.33, 0.00, 0.08
HSL	203°, 84%, 52%
HSV	203°, 88%, 92%
XYZ	27.5714, 30.4025, 83.0933
YIQ	127.3210, -101.9220, -3.0900

Conversions

Conversions Part 2

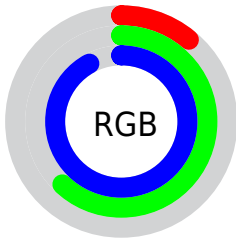
Format	Color
R _Y B	28, 107, 235
Decimal	1875435
CIE Lab	62.00, -5.22, -48.28
CIE LCh	62, 48.566, 263.829
Yxy	30.4025, 0.1954, 0.2155
Android (android.graphics.Color)	4280065515 (0xFF1C9DEB)
YUV	127.3210, 53.0857, -87.1045
Hunter-Lab	55.1385, -7.2355, -50.7526

Details

The CIELCh color **62, 48.566, 263.829** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **60, 77.358, 53.430**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 34.600, 241.063**, and **44, 45.812, 273.289** is the 20% darker color. If you saturate the color by 10%, you get **59, 52.685, 268.914**, and if you desaturate by 10%, it is **65, 44.389, 259.186**.

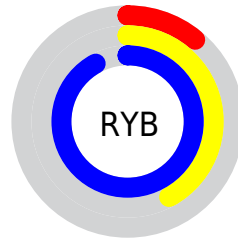
Distribution



Red (11%)

Green (62%)

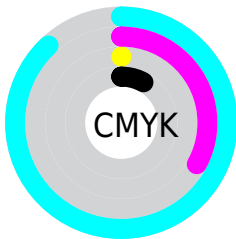
Blue (92%)



Red (11%)

Yellow (42%)

Blue (92%)

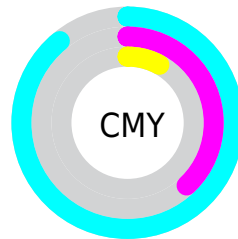


Cyan (88%)

Magenta (33%)

Yellow (0%)

Black (8%)



Cyan (89%)


Magenta (38%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 48.566, 263.829 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 62, 48.566, 263.829 by changing the saturation by 10% instead.


 62, 48.566,
263.829

 62, 48.566,
263.829


 100, 48.566,
263.829

 52, 48.566,
263.829


 82, 48.566,
263.829

 42, 48.566,
263.829

 92, 48.566,
263.829

 32, 48.566,
263.829

 22, 48.566,
263.829

 12, 48.566,
263.829

 2, 48.566, 263.829

 0, 48.566, 263.829

■ 62, 48.566,
263.829

■ 62, 48.566,
263.829

■ 59, 52.685,
268.914

■ 65, 44.389,
259.186

■ 59, 53.557,
269.934

■ 68, 39.967,
255.146

■ 71, 35.180,
251.737

■ 75, 29.974,
248.918

■ 79, 24.351,
246.614

■ 82, 18.345,
244.743

■ 86, 12.011,
243.231

■ 90, 5.410, 242.041

Harmonies

Complementary

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



62, 48.566, 263.829



60, 77.358, 53.430

Rectangle

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



62, 48.566, 263.829



62, 48.566, 313.829



62, 48.566, 83.829



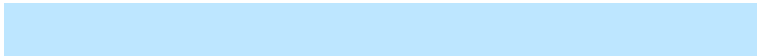
62, 48.566, 133.829

Sweetspot

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



62, 48.565, 263.830



89, 18.293, 244.439



82, 88.461, 145.558



46, 12.311, 245.023



0, 0.000, 0.000



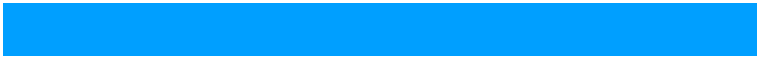
53, 0.007, 296.813

Same Dimension

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



62, 48.565, 263.830



63, 57.143, 270.180



36, 106.489, 302.057



47, 3.848, 242.198



46, 43.491, 268.999



12, 16.807, 260.043

Inverse Universe

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



53, 81.904, 348.263



56, 88.009, 351.593



83, 80.520, 94.494



46, 6.488, 338.252



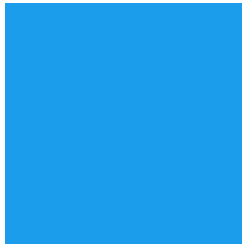
40, 68.321, 350.919



8, 30.159, 346.511

Previews

White Background



This preview shows how the CIE LCh color 62, 48.566, 263.829 looks on a white background.

Color Contrast Check

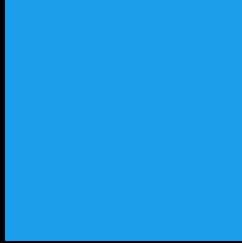
Large Text (above 18pt) WCAG AA × Fail

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 62, 48.566, 263.829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

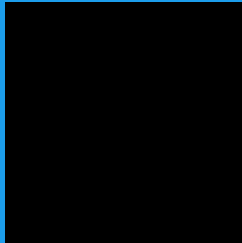
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

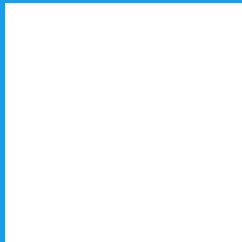
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 48.566, 263.829

Background



This preview shows how black text looks on a background with the CIELCh color 62, 48.566, 263.829.

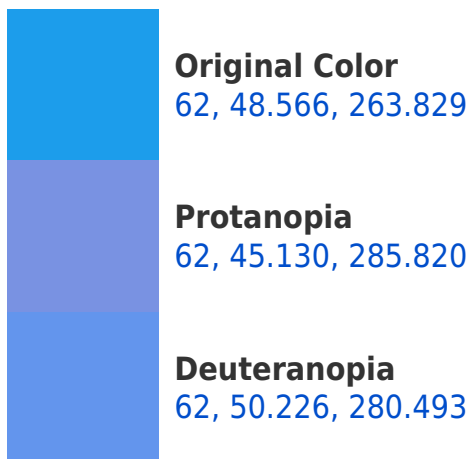


This preview shows how white text looks on a background with the CIELCh color 62, 48.566, 263.829.

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
62, 34.914, 208.885

Trichromacy



Original Color
62, 48.566, 263.829



Protanomaly
61, 46.195, 274.590



Deuteranomaly
62, 49.425, 273.020



Tritanomaly
62, 35.994, 233.016

Monochromacy



Original Color
62, 48.566, 263.829



Achromatopsia
53, 0.007, 296.813



Achromatomaly
55, 21.440, 247.443

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 48.566, 263.829 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(28, 157, 235)` looks like.

```
.text, #text, p{  
    color:rgb(28, 157, 235)  
}
```

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(28, 157, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 157, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 48.566, 263.829 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(28, 157, 235) }
```

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

```
.border{ border-color:rgb(28, 157, 235) }
```

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

Here you see how a box with a 4 pixel rgb(28, 157, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 157, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 157, 235);  
box-shadow:4px 4px 4px 4px rgb(28, 157,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 48.566, 263.829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 157, 235) }
```

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

```
.background{ background-color: rgb(28, 157,  
235) }
```

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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