

Converting Colors

CIELCh(62, 44.516, 256.841)

Have a look what the booklet for
CIELCh(62, 44.516, 256.841)
contains.

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Color

CIELCh(62, 44.458, 256.727)

Conversions

Conversions Part 1

Format	Color
Hex	109FE2
RGB	16, 159, 226
RGB Percent	6%, 62%, 89%
CMY	0.9369, 0.3764, 0.1137
CMYK	0.93, 0.30, 0.00, 0.11
HSL	199°, 87%, 47%
HSV	199°, 93%, 89%
XYZ	26.3439, 30.4025, 76.4402
YIQ	123.8810, -106.7350, -9.4790

Conversions

Conversions Part 2

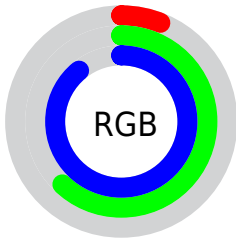
Format	Color
R _Y B	16, 101, 226
Decimal	1089506
CIE Lab	62.00, -10.21, -43.27
CIE LCh	62, 44.458, 256.727
Yxy	30.4025, 0.1978, 0.2283
Android (android.graphics.Color)	4279279586 (0xFF109FE2)
YUV	123.8810, 50.3447, -94.6116
Hunter-Lab	55.1385, -11.2092, -43.5987

Details

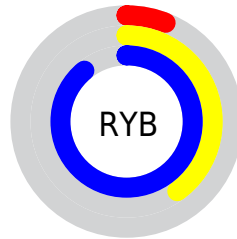
The CIELCh color **62, 44.458, 256.727** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **54, 80.995, 48.959**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 35.034, 236.713**, and **44, 40.376, 266.831** is the 20% darker color. If you saturate the color by 10%, you get **60, 46.469, 260.342**, and if you desaturate by 10%, it is **64, 41.557, 251.975**.

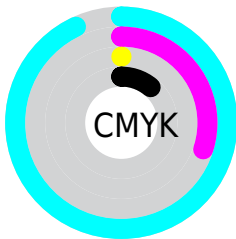
Distribution



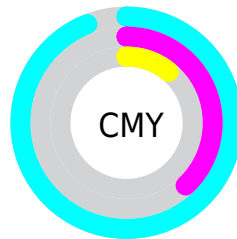
- Red (6%)
- Green (62%)
- Blue (89%)



- Red (6%)
- Yellow (40%)
- Blue (89%)



- Cyan (93%)
- Magenta (30%)
- Yellow (0%)
- Black (11%)



- Cyan (94%)
- Magenta (38%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 44.458, 256.727 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, 44.458, 256.727 by changing the saturation by 10% instead.

 62, 44.458,
256.727

 62, 44.458,
256.727

 100, 44.458,
256.727

 52, 44.458,
256.727


 82, 44.458,
256.727

 42, 44.458,
256.727

 92, 44.458,
256.727

 32, 44.458,
256.727

 22, 44.458,
256.727

 12, 44.458,
256.727

 2, 44.458, 256.727

 0, 44.458, 256.727

■ 62, 44.458,
256.727

■ 62, 44.458,
256.727

■ 60, 46.469,
260.342

■ 64, 41.557,
251.975

■ 67, 38.317,
247.878

■ 70, 34.594,
244.461

■ 73, 30.327,
241.674

■ 76, 25.513,
239.431

■ 79, 20.194,
237.644

■ 82, 14.437,
236.228

■ 85, 8.314, 235.123

Harmonies

Complementary

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



62, 44.458, 256.727



54, 80.995, 48.959

Rectangle

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



62, 44.458, 256.727



62, 44.458, 306.727



62, 44.458, 76.727



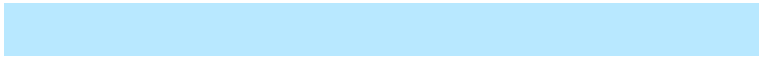
62, 44.458, 126.727

Sweetspot

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



62, 44.457, 256.728



89, 19.219, 236.938



79, 92.336, 142.779



46, 13.107, 237.589



0, 0.000, 0.000



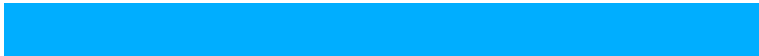
53, 0.007, 296.813

Same Dimension

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



62, 44.457, 256.728



68, 51.099, 260.720



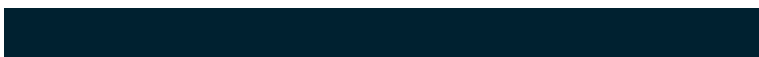
35, 102.861, 301.584



45, 3.670, 234.813



48, 38.189, 259.408



11, 14.508, 249.577

Inverse Universe

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



51, 82.829, 345.127



56, 90.869, 346.808



77, 77.297, 90.110



44, 6.518, 335.696



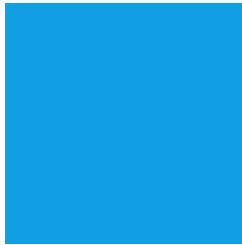
39, 69.101, 346.237



7, 29.030, 342.521

Previews

White Background



This preview shows how the CIELCh color 62, 44.458, 256.727 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, 44.458, 256.727 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

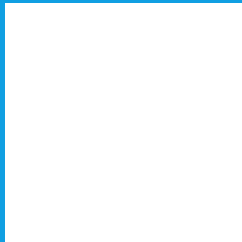
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 44.458, 256.727

Background



This preview shows how black text looks on a background with the CIELCh color 62, 44.458, 256.727.

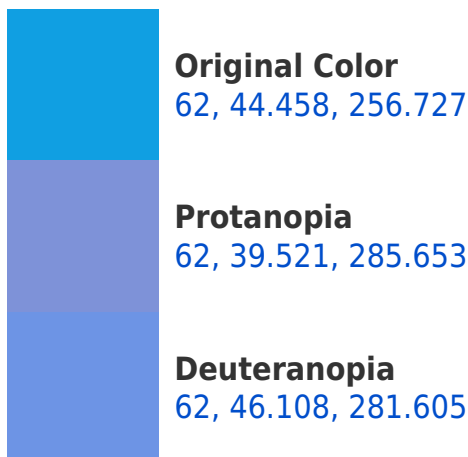


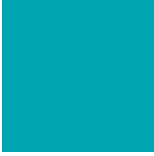
This preview shows how white text looks on a background with the CIELCh color 62, 44.458, 256.727.

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, 44.458, 256.727



Protanomaly
61, 41.353, 269.966



Deuteranomaly
61, 45.444, 270.217



Tritanomaly
62, 35.409, 228.029

Monochromacy



Original Color
62, 44.458, 256.727



Achromatopsia
52, 0.007, 296.813



Achromatomaly
54, 21.043, 239.605

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 44.458, 256.727 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(16, 159, 226)` looks like.

```
.text, #text, p{  
    color:rgb(16, 159, 226)  
}
```

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(16, 159, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 159, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 44.458, 256.727 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(16, 159, 226) }
```

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

```
.border{ border-color:rgb(16, 159, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 159, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 159, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 159, 226);  
box-shadow:4px 4px 4px 4px rgb(16, 159,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 44.458, 256.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 159, 226) }
```

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

```
.background{ background-color: rgb(16, 159,  
226) }
```

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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