

Converting Colors

CIELCh(62, 54.954, 293.781)

Have a look what the booklet for
CIELCh(62, 54.954, 293.781)
contains.

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Color

CIELCh(62, 54.905, 293.794)

Conversions

Conversions Part 1

Format	Color
Hex	868DEF
RGB	134, 141, 239
RGB Percent	53%, 55%, 94%
CMY	0.4740, 0.4466, 0.0622
CMYK	0.44, 0.41, 0.00, 0.06
HSL	236°, 77%, 73%
HSV	236°, 44%, 94%
XYZ	34.9930, 30.4025, 85.7864
YIQ	150.0790, -35.6300, 28.9940

Conversions

Conversions Part 2

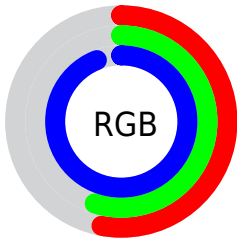
Format	Color
RYB	134, 141, 239
Decimal	8818159
CIELab	62.00, 22.15, -50.24
CIELCh	62, 54.905, 293.794
Yxy	30.4025, 0.2315, 0.2011
Android (android.graphics.Color)	4287008239 (0xFF868DEF)
YUV	150.0790, 43.8381, -14.1013
Hunter-Lab	55.1385, 16.7905, -53.6485

Details

The CIELCh color $62, 54.905, 293.794$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $91, 49.558, 102.823$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 32.522, 291.331$, and $42, 54.731, 293.797$ is the 20% darker color. If you saturate the color by 10%, you get $55, 68.797, 295.942$, and if you desaturate by 10%, it is $69, 41.536, 291.919$.

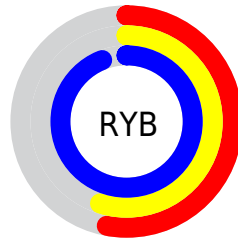
Distribution



Red (53%)

Green (55%)

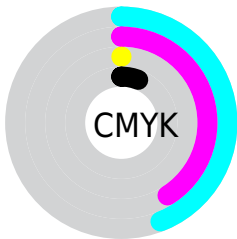
Blue (94%)



Red (53%)

Yellow (55%)

Blue (94%)

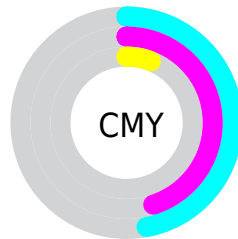


Cyan (44%)

Magenta (41%)

Yellow (0%)

Black (6%)



Cyan (47%)

Magenta (45%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 54.905, 293.794 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, 54.905, 293.794 by changing the saturation by 10% instead.

■ 62, 54.905,
293.794

■ 62, 54.905,
293.794

■ 100, 54.905,
293.794

■ 52, 54.905,
293.794

■ 82, 54.905,
293.794

■ 42, 54.905,
293.794

■ 92, 54.905,
293.794

■ 32, 54.905,
293.794

■ 22, 54.905,
293.794

■ 12, 54.905,
293.794

■ 2, 54.905, 293.794

■ 0, 54.905, 293.794

■ 62, 54.905,
293.794

■ 62, 54.905,
293.794

■ 55, 68.797,
295.942

■ 69, 41.536,
291.919

■ 48, 83.072,
298.318

■ 77, 28.706,
290.311

■ 42, 97.273,
300.789

■ 84, 16.382,
288.945

■ 36, 110.349,
303.108

■ 92, 4.526, 287.798

■ 32, 120.557,
304.943

■ 99, 6.898, 106.770

■ 31, 124.644,
305.671

■ 100, 8.033,
109.567

Harmonies

Complementary

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



62, 54.905, 293.794



91, 49.558, 102.823

Rectangle

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



62, 54.905, 293.794



62, 54.905, 343.794



62, 54.905, 113.794



62, 54.905, 163.794

Sweetspot

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



62, 54.904, 293.795



90, 16.104, 288.837



88, 32.698, 190.810



46, 11.315, 289.116



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, 54.904, 293.795



59, 71.150, 295.778



64, 60.129, 309.205



46, 6.651, 288.409



23, 101.526, 305.475



3, 36.059, 297.572

Inverse Universe

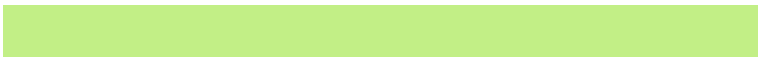
The Inverse Universe completely reimagines the original color for something new.



68, 43.098, 19.114



67, 55.941, 21.126



89, 55.767, 124.555



47, 5.004, 14.558



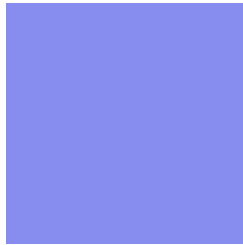
38, 78.926, 37.372



8, 29.497, 21.124

Previews

White Background



This preview shows how the CIELCh color 62, 54.905, 293.794 looks on a white background.

Color Contrast Check

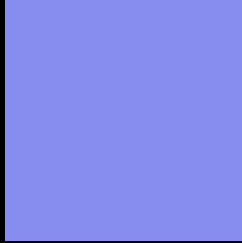
Large Text (above 18pt) WCAG AA × Fail

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 62, 54.905, 293.794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

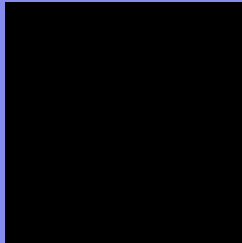
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 54.905, 293.794

Background



This preview shows how black text looks on a background with the CIELCh color 62, 54.905, 293.794.



This preview shows how white text looks on a background with the CIELCh color 62, 54.905, 293.794.

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



Original Color


62, 54.905, 293.794

Protanopia

62, 55.160, 286.374

Deuteranopia

62, 49.655, 280.157



Tritanopia
62, 15.553, 226.509

Trichromacy



Original Color
62, 54.905, 293.794

Protanomaly
62, 55.015, 288.894

Deuteranomaly
62, 51.344, 285.013

Tritanomaly
62, 25.995, 271.956

Monochromacy



Original Color
62, 54.905, 293.794

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 19.678, 289.278

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 54.905, 293.794 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(134, 141, 239)` looks like.

```
.text, #text, p{  
    color:rgb(134, 141, 239)  
}
```

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(134, 141, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 141, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 54.905, 293.794 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(134, 141, 239) }
```

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

```
.border{ border-color:rgb(134, 141, 239) }
```

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

Here you see how a box with a 4 pixel rgb(134, 141, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 141, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 141, 239);  
box-shadow:4px 4px 4px 4px rgb(134, 141,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 54.905, 293.794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 141, 239) }
```

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

```
.background{ background-color: rgb(134,  
141, 239) }
```

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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