

Converting Colors

CIELCh(59, 56.202, 326.415)

Have a look what the booklet for
CIELCh(59, 56.202, 326.415)
contains.

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Color

CIELCh(59, 56.232, 326.424)

Conversions

Conversions Part 1

Format	Color
Hex	C46EC5
RGB	196, 110, 197
RGB Percent	77%, 43%, 77%
CMY	0.2302, 0.5676, 0.2263
CMYK	0.01, 0.44, 0.00, 0.23
HSL	299°, 43%, 60%
HSV	299°, 44%, 77%
XYZ	38.5546, 27.0277, 56.1767
YIQ	145.6320, 23.3290, 45.2890

Conversions

Conversions Part 2

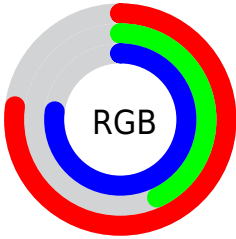
Format	Color
RYB	196, 110, 197
Decimal	12873413
CIELab	59.00, 46.85, -31.10
CIELCh	59, 56.232, 326.424
Yxy	27.0277, 0.3166, 0.2220
Android (android.graphics.Color)	4291063493 (0xFFC46EC5)
YUV	145.6320, 25.3244, 44.1727
Hunter-Lab	51.9882, 41.3967, -27.6751

Details

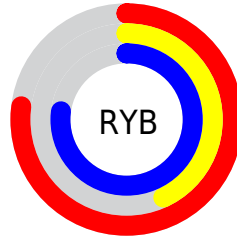
The CIELCh color $59, 56.232, 326.424$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $73, 56.354, 140.768$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 56.170, 326.364$, and $39, 56.235, 326.268$ is the 20% darker color. If you saturate the color by 10%, you get $55, 67.530, 326.856$, and if you desaturate by 10%, it is $63, 43.979, 325.940$.

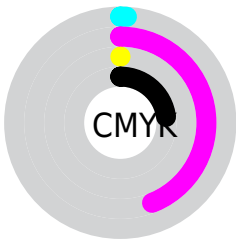
Distribution



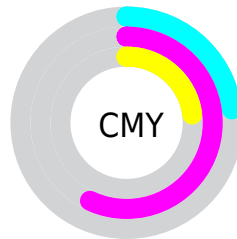
- Red (77%)
- Green (43%)
- Blue (77%)



- Red (77%)
- Yellow (43%)
- Blue (77%)



- Cyan (1%)
- Magenta (44%)
- Yellow (0%)
- Black (23%)





- Cyan (23%)
- Magenta (57%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 56.232, 326.424 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 59, 56.232, 326.424 by changing the saturation by 10% instead.


 59, 56.232,
326.424

 59, 56.232,
326.424


 100, 56.232,
326.424

 49, 56.232,
326.424

 79, 56.232,
326.424

 39, 56.232,
326.424

 89, 56.232,
326.424

 29, 56.232,
326.424

 99, 56.232,
326.424

 19, 56.232,
326.424

 9, 56.232, 326.424

 0, 56.232, 326.424

59, 56.232,
326.424

59, 56.232,
326.424

55, 67.530,
326.856

63, 43.979,
325.940

52, 77.389,
327.219

68, 31.200,
325.422

50, 85.320,
327.496

73, 18.219,
324.883

48, 90.953,
327.677

78, 5.274, 324.312

83, 7.480, 143.863

47, 94.177,
327.761

88, 19.942,
143.325

47, 95.309,
327.780

93, 32.059,
142.825

95, 36.019,
142.599

■ 95, 35.973,
142.504

Harmonies

Complementary

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



59, 56.232, 326.424



73, 56.354, 140.768

Rectangle

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



59, 56.232, 326.424



59, 56.232, 16.424



59, 56.232, 146.424



59, 56.232, 196.424

Sweetspot

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



59, 56.230, 326.424



92, 20.673, 324.833



51, 49.867, 295.671



48, 14.480, 324.956



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 56.230, 326.424



71, 81.538, 326.844



58, 41.142, 347.159



39, 7.356, 324.622



38, 82.798, 327.786



4, 26.614, 326.574

Inverse Universe

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



56, 37.457, 23.136



67, 56.933, 25.110



73, 39.303, 158.353



39, 4.278, 18.999



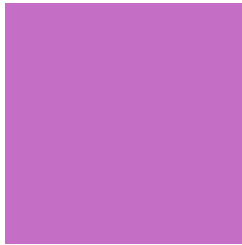
34, 74.183, 39.317



3, 15.888, 18.813

Previews

White Background



This preview shows how the CIELCh color 59, 56.232, 326.424 looks on a white background.

Color Contrast Check

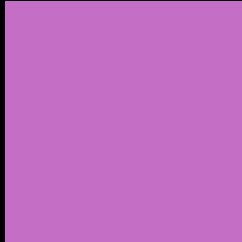
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 56.232, 326.424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

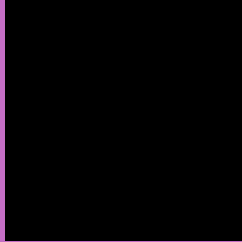
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 56.232, 326.424

Background



This preview shows how black text looks on a background with the CIELCh color 59, 56.232, 326.424.

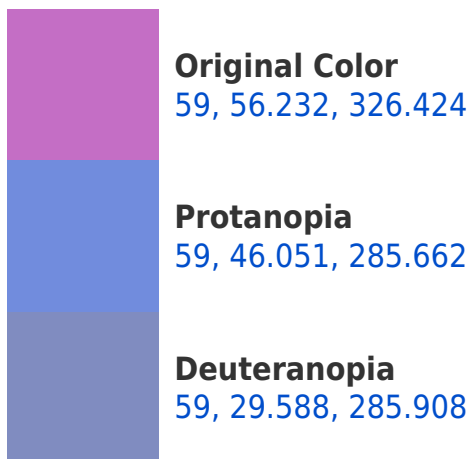


This preview shows how white text looks on a background with the CIELCh color 59, 56.232, 326.424.

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
59, 26.228, 11.424

Trichromacy



Original Color
59, 56.232, 326.424



Protanomaly
58, 47.460, 300.489



Deuteranomaly
58, 37.964, 306.401



Tritanomaly
59, 34.001, 346.032

Monochromacy



Original Color
59, 56.232, 326.424



Achromatopsia
61, 0.008, 296.813



Achromatomaly
59, 21.568, 324.601

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 56.232, 326.424 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(196, 110, 197)` looks like.

```
.text, #text, p{  
    color:rgb(196, 110, 197)  
}
```

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(196, 110, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 110, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 56.232, 326.424 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(196, 110, 197) }
```

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

```
.border{ border-color:rgb(196, 110, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 110, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 110, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 110, 197);  
box-shadow:4px 4px 4px 4px rgb(196, 110,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 56.232, 326.424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 110, 197) }
```

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

```
.background{ background-color: rgb(196,  
110, 197) }
```

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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