

Converting Colors

CIELCh(59, 23.776, 327.946)

Have a look what the booklet for
CIELCh(59, 23.776, 327.946)
contains.

CIELCh(59, 23.776, 327.946)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(59, 23.776, 327.946)

Conversions

Conversions Part 1

Format	Color
Hex	A782A4
RGB	167, 130, 164
RGB Percent	65%, 51%, 64%
CMY	0.3435, 0.4886, 0.3552
CMYK	0.00, 0.22, 0.02, 0.34
HSL	305°, 17%, 58%
HSV	305°, 22%, 66%
XYZ	30.7987, 27.0277, 38.9118
YIQ	144.9390, 11.1380, 18.4180

Conversions

Conversions Part 2

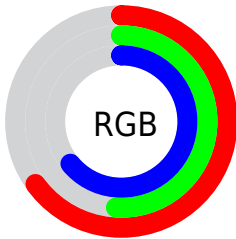
Format	Color
RYB	167, 130, 164
Decimal	10977956
CIELab	59.00, 20.15, -12.62
CIELCh	59, 23.776, 327.946
Yxy	27.0277, 0.3184, 0.2794
Android (android.graphics.Color)	4289168036 (0xFFA782A4)
YUV	144.9390, 9.3971, 19.3475
Hunter-Lab	51.9882, 14.7670, -7.9852

Details

The CIELCh color $59, 23.776, 327.946$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $65, 23.743, 145.258$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 23.815, 327.577$, and $39, 23.968, 328.504$ is the 20% darker color. If you saturate the color by 10%, you get $55, 34.453, 328.516$, and if you desaturate by 10%, it is $63, 12.981, 327.370$.

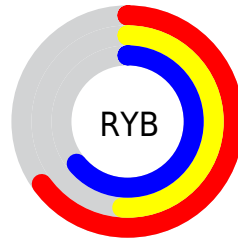
Distribution



Red (65%)

Green (51%)

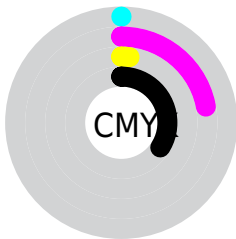
Blue (64%)



Red (65%)

Yellow (51%)

Blue (64%)

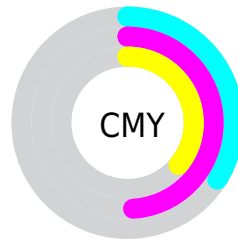


Cyan (0%)

Magenta (22%)

Yellow (2%)

Black (34%)



Cyan (34%)

Magenta (49%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 23.776, 327.946 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, 23.776, 327.946 by changing the saturation by 10% instead.


 59, 23.776,
327.946

 59, 23.776,
327.946


 100, 23.776,
327.946

 49, 23.776,
327.946


 79, 23.776,
327.946

 39, 23.776,
327.946

 89, 23.776,
327.946

 29, 23.776,
327.946

 99, 23.776,
327.946

 19, 23.776,
327.946

 9, 23.776, 327.946

 0, 23.776, 327.946

59, 23.776,
327.946

59, 23.776,
327.946

55, 34.453,
328.516

63, 12.981,
327.370

51, 44.766,
329.074

68, 2.252, 326.719

48, 54.376,
329.611

72, 8.298, 146.309

45, 62.879,
330.117

77, 18.597,
145.764

42, 69.846,
330.586

81, 28.609,
145.252

41, 74.910,
331.018

86, 38.316,
144.768


39, 77.885,
331.419

91, 47.719,
144.311

39, 79.167,

93, 51.471,
144.365

331.723

 93, 50.914,
144.817

Harmonies

Complementary

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



59, 23.776, 327.946



65, 23.743, 145.258

Rectangle

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



59, 23.776, 327.946



59, 23.776, 17.946



59, 23.776, 147.946



59, 23.776, 197.946

Sweetspot

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



59, 23.774, 327.946



83, 9.232, 327.075



56, 21.274, 295.002



44, 6.049, 327.109



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



59, 23.774, 327.946



72, 35.808, 328.254



58, 17.146, 349.457



33, 6.082, 327.204



34, 72.323, 331.685



2, 10.808, 327.623

Inverse Universe

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



59, 23.774, 327.946



72, 35.808, 328.254



66, 16.524, 165.412



33, 6.082, 327.204



34, 72.323, 331.685



2, 10.808, 327.623

Previews

White Background



This preview shows how the CIELCh color 59, 23.776, 327.946 looks on a white background.

Color Contrast Check

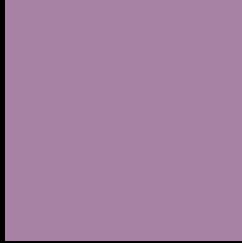
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.776, 327.946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

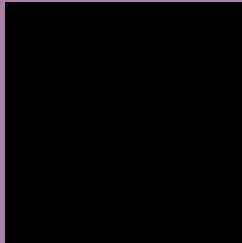
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 23.776, 327.946

Background



This preview shows how black text looks on a background with the CIELCh color 59, 23.776, 327.946.



This preview shows how white text looks on a background with the CIELCh color 59, 23.776, 327.946.

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
59, 23.776, 327.946

Protanopia
59, 17.051, 286.153

Deuteranopia
59, 13.904, 302.387



Tritanopia
59, 13.514, 356.241

Trichromacy



Original Color
59, 23.776, 327.946

Protanomaly
59, 18.599, 303.420

Deuteranomaly
59, 17.314, 314.598

Tritanomaly
59, 16.387, 342.898

Monochromacy



Original Color
59, 23.776, 327.946

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 8.470, 327.028

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 23.776, 327.946 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(167, 130, 164)` looks like.

```
.text, #text, p{  
    color:rgb(167, 130, 164)  
}
```

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(167, 130, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 130, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 23.776, 327.946 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(167, 130, 164) }
```

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

```
.border{ border-color:rgb(167, 130, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 130, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 130, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 130, 164);  
box-shadow:4px 4px 4px 4px rgb(167, 130,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 23.776, 327.946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 130, 164) }
```

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

```
.background{ background-color: rgb(167,  
130, 164) }
```

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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