

Converting Colors

CIELCh(59, 22.326, 36.916)

Have a look what the booklet for
CIELCh(59, 22.326, 36.916) contains.

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Color

CIELCh(59, 22.365, 37.368)

Conversions

Conversions Part 1

Format	Color
Hex	B48277
RGB	180, 130, 119
RGB Percent	71%, 51%, 47%
CMY	0.2938, 0.4899, 0.5331
CMYK	0.00, 0.28, 0.34, 0.29
HSL	11°, 29%, 59%
HSV	11°, 34%, 71%
XYZ	30.1637, 27.0277, 21.0998
YIQ	143.6960, 33.3310, 7.1790

Conversions

Conversions Part 2

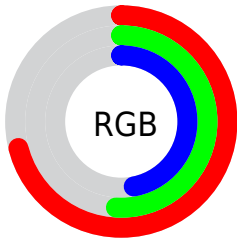
Format	Color
RYB	180, 132, 119
Decimal	11829879
CIELab	59.00, 17.77, 13.57
CIELCh	59, 22.365, 37.368
Yxy	27.0277, 0.3853, 0.3452
Android (android.graphics.Color)	4290019959 (0xFFB48277)
YUV	143.6960, -12.1751, 31.8386
Hunter-Lab	51.9882, 12.5868, 12.3284

Details

The CIELCh color `59, 22.365, 37.368` is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be `66, 17.616, 218.522`, and the grayscale version is `60, 0.008, 296.813`.

A 20% lighter version of the original color is `79, 22.439, 37.372`, and `39, 22.527, 36.213` is the 20% darker color. If you saturate the color by 10%, you get `55, 30.172, 37.783`, and if you desaturate by 10%, it is `63, 15.122, 37.152`.

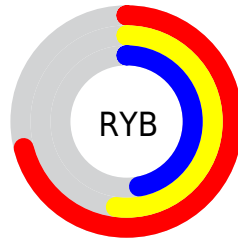
Distribution



Red (71%)

Green (51%)

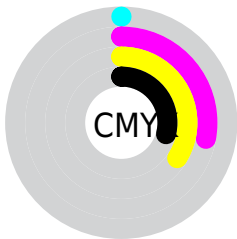
Blue (47%)



Red (71%)

Yellow (52%)

Blue (47%)

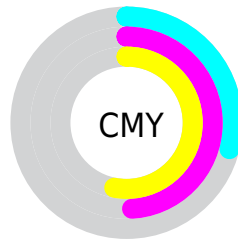


Cyan (0%)

Magenta (28%)

Yellow (34%)

Black (29%)



Cyan (29%)

Magenta (49%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 22.365, 37.368 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, 22.365, 37.368 by changing the saturation by 10% instead.

 59, 22.365, 37.368

 59, 22.365, 37.368

 100, 22.365,
37.368

 49, 22.365, 37.368

 79, 22.365, 37.368

 39, 22.365, 37.368

 89, 22.365, 37.368

 29, 22.365, 37.368

 99, 22.365, 37.368

 19, 22.365, 37.368

 9, 22.365, 37.368

 0, 22.365, 37.368

 59, 22.365, 37.368

 59, 22.365, 37.368

 55, 30.172, 37.783

 63, 15.122, 37.152

 51, 38.524, 38.422

 67, 8.434, 37.066

48, 47.333, 39.318

72, 2.263, 36.961

45, 56.393, 40.446

76, 3.437, 217.477

42, 65.255, 41.646

80, 8.714, 217.598

40, 72.930, 42.452

85, 13.616,
217.833

39, 76.990, 42.970

89, 18.188,
218.113

94, 21.917,
207.447

95, 23.967,
197.940

Harmonies

Complementary

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



59, 22.365, 37.368



66, 17.616, 218.522

Rectangle

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



59, 22.365, 37.368



59, 22.365, 87.368



59, 22.365, 217.368



59, 22.365, 267.368

Sweetspot

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



59, 22.364, 37.374



88, 7.421, 37.053



58, 36.344, 331.478



46, 5.087, 37.058



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



59, 22.364, 37.374



72, 34.649, 37.676



67, 24.002, 86.790



35, 3.354, 37.049



33, 67.814, 43.107



3, 8.071, 32.688

Inverse Universe

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



66, 17.616, 218.522



82, 25.562, 219.129



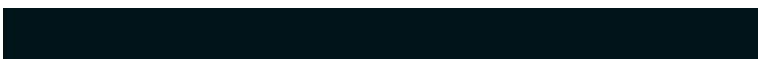
58, 23.834, 276.458



37, 3.165, 217.498



48, 29.778, 230.709



5, 7.554, 226.124

Previews

White Background



This preview shows how the CIELCh color 59, 22.365, 37.368 looks on a white background.

Color Contrast Check

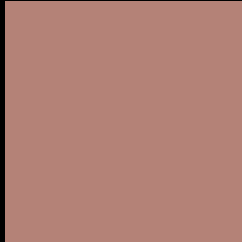
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 59, 22.365, 37.368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

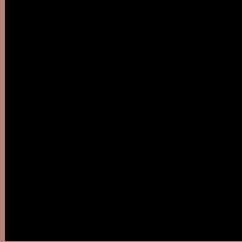
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 22.365, 37.368

Background



This preview shows how black text looks on a background with the CIELCh color 59, 22.365, 37.368.



This preview shows how white text looks on a background with the CIELCh color 59, 22.365, 37.368.

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, 22.365, 37.368

Protanopia

59, 9.997, 92.376

Deuteranopia

59, 16.108, 61.545



Tritanopia
59, 22.969, 7.954

Trichromacy



Original Color
59, 22.365, 37.368

Protanomaly
59, 12.540, 62.199

Deuteranomaly
59, 17.932, 50.611

Tritanomaly
59, 21.972, 18.898

Monochromacy



Original Color
59, 22.365, 37.368

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 7.607, 37.219

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 22.365, 37.368 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(180, 130, 119)` looks like.

```
.text, #text, p{  
    color:rgb(180, 130, 119)  
}
```

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(180, 130, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 130, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 22.365, 37.368 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(180, 130, 119) }
```

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

```
.border{ border-color:rgb(180, 130, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 130, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 130, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 130, 119);  
box-shadow:4px 4px 4px 4px rgb(180, 130,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 22.365, 37.368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 130, 119) }
```

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

```
.background{ background-color: rgb(180,  
130, 119) }
```

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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