

Converting Colors

CIELCh(59, 31.013, 4.022)

Have a look what the booklet for
CIELCh(59, 31.013, 4.022) contains.

CIELCh(59, 30.937, 4.277)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(59, 30.937, 4.277)

Conversions

Conversions Part 1

Format	Color
Hex	C2798B
RGB	194, 121, 139
RGB Percent	76%, 47%, 55%
CMY	0.2390, 0.5253, 0.4547
CMYK	0.00, 0.38, 0.28, 0.24
HSL	345°, 37%, 62%
HSV	345°, 38%, 76%
XYZ	33.7679, 27.0277, 27.8813
YIQ	144.8790, 37.7300, 21.0740

Conversions

Conversions Part 2

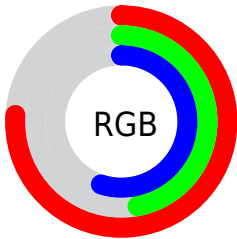
Format	Color
RYB	194, 121, 139
Decimal	12745099
CIELab	59.00, 30.85, 2.31
CIELCh	59, 30.937, 4.277
Yxy	27.0277, 0.3808, 0.3048
Android (android.graphics.Color)	4290935179 (0xFFC2798B)
YUV	144.8790, -2.8983, 43.0791
Hunter-Lab	51.9882, 24.9618, 4.5945

Details

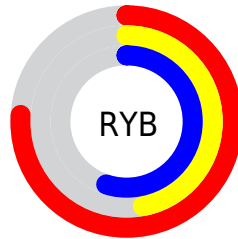
The CIELCh color $59, 30.937, 4.277$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $73, 26.999, 176.052$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 31.051, 4.479$, and $39, 30.624, 4.392$ is the 20% darker color. If you saturate the color by 10%, you get $54, 39.524, 6.118$, and if you desaturate by 10%, it is $64, 22.354, 2.774$.

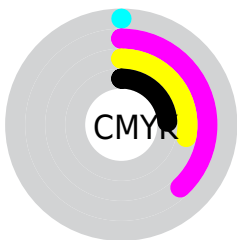
Distribution



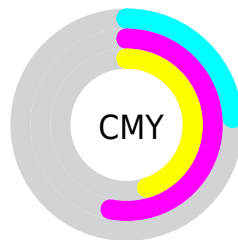
- Red (76%)
- Green (47%)
- Blue (55%)



- Red (76%)
- Yellow (47%)
- Blue (55%)



- Cyan (0%)
- Magenta (38%)
- Yellow (28%)
- Black (24%)



- Cyan (24%)
- Magenta (53%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 30.937, 4.277 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, 30.937, 4.277 by changing the saturation by 10% instead.

 59, 30.937, 4.277

 59, 30.937, 4.277

 100, 30.937, 4.277

 49, 30.937, 4.277

 79, 30.937, 4.277

 39, 30.937, 4.277

 89, 30.937, 4.277

 29, 30.937, 4.277

 99, 30.937, 4.277

 19, 30.937, 4.277

 9, 30.937, 4.277

 0, 30.937, 4.277

 59, 30.937, 4.277

 59, 30.937, 4.277

 54, 39.524, 6.118

 64, 22.354, 2.774

 50, 47.840, 8.409

 69, 13.973, 1.511

■ 47, 55.533, 11.299

■ 74, 5.906, 0.403

■ 44, 62.266, 14.951

■ 80, 1.795, 179.838

■ 42, 67.859, 19.475

■ 85, 9.116, 178.818

■ 41, 72.486, 24.748

■ 91, 16.066,
178.082

■ 41, 73.602, 25.975

■ 96, 21.731,
179.257

■ 96, 19.898,
198.194

Harmonies

Complementary

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



59, 30.937, 4.277



73, 26.999, 176.052

Rectangle

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



59, 30.937, 4.277



59, 30.937, 54.277



59, 30.937, 184.277



59, 30.937, 234.277

Sweetspot

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



59, 30.935, 4.280



92, 10.646, 0.788



59, 45.319, 318.901



48, 7.235, 0.939



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, 30.935, 4.280



71, 46.192, 5.737



63, 25.806, 44.289



38, 4.408, 0.592



33, 63.594, 25.101



3, 14.425, 6.199

Inverse Universe

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



59, 30.935, 4.280



71, 46.192, 5.737



69, 20.014, 228.503



38, 4.408, 0.592



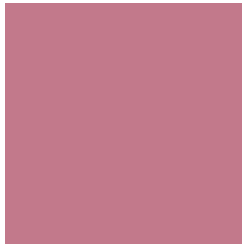
33, 63.594, 25.101



3, 14.425, 6.199

Previews

White Background



This preview shows how the CIELCh color 59, 30.937, 4.277 looks on a white background.

Color Contrast Check

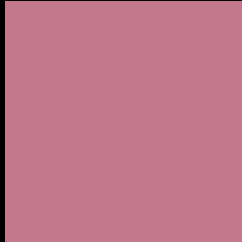
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.937, 4.277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

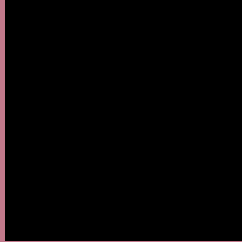
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 30.937, 4.277

Background



This preview shows how black text looks on a background with the CIELCh color 59, 30.937, 4.277.



This preview shows how white text looks on a background with the CIELCh color 59, 30.937, 4.277.

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, 30.937, 4.277

Protanopia

59, 5.101, 290.768

Deuteranopia

59, 8.136, 28.089



Tritanopia
59, 29.639, 12.108

Trichromacy



Original Color
59, 30.937, 4.277

Protanomaly
59, 12.899, 346.083

Deuteranomaly
59, 16.031, 11.066

Tritanomaly
59, 29.741, 8.892

Monochromacy



Original Color
59, 30.937, 4.277

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 11.423, 0.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 30.937, 4.277 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(194, 121, 139)` looks like.

```
.text, #text, p{  
    color:rgb(194, 121, 139)  
}
```

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(194, 121, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 121, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 30.937, 4.277 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(194, 121, 139) }
```

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

```
.border{ border-color:rgb(194, 121, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 121, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 121, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 121, 139);  
box-shadow:4px 4px 4px 4px rgb(194, 121,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 30.937, 4.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 121, 139) }
```

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

```
.background{ background-color: rgb(194,  
121, 139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor