

Converting Colors

CIELCh(59, 37.201, 158.307)

Have a look what the booklet for
CIELCh(59, 37.201, 158.307)
contains.

CIELCh(59, 37.004, 158.626)	3
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Color

CIELCh(59, 37.004, 158.626)

Conversions

Conversions Part 1

Format	Color
Hex	4C9D75
RGB	76, 157, 117
RGB Percent	30%, 62%, 46%
CMY	0.7010, 0.3834, 0.5403
CMYK	0.52, 0.00, 0.25, 0.38
HSL	150°, 35%, 46%
HSV	150°, 52%, 62%
XYZ	18.3188, 27.0277, 21.1479
YIQ	128.2210, -35.4360, -29.6120

Conversions

Conversions Part 2

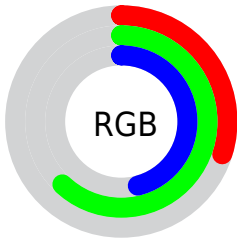
Format	Color
RYB	76, 130, 157
Decimal	5021045
CIELab	59.00, -34.46, 13.49
CIELCh	59, 37.004, 158.626
Yxy	27.0277, 0.2755, 0.4065
Android (android.graphics.Color)	4283211125 (0xFF4C9D75)
YUV	128.2210, -5.5320, -45.7978
Hunter-Lab	51.9882, -28.0824, 12.2736

Details

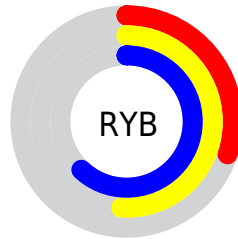
The CIELCh color **59, 37.004, 158.626** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **44, 39.147, 349.457**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 37.041, 158.621**, and **39, 36.884, 158.863** is the 20% darker color. If you saturate the color by 10%, you get **58, 43.203, 157.152**, and if you desaturate by 10%, it is **60, 30.324, 159.928**.

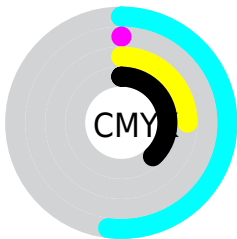
Distribution



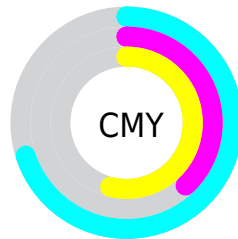
- Red (30%)
- Green (62%)
- Blue (46%)



- Red (30%)
- Yellow (51%)
- Blue (62%)



- Cyan (52%)
- Magenta (0%)
- Yellow (25%)
- Black (38%)





- Cyan (70%)
- Magenta (38%)
- Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 37.004, 158.626 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, 37.004, 158.626 by changing the saturation by 10% instead.


 59, 37.004,
158.626


 59, 37.004,
158.626


 100, 37.004,
158.626


 49, 37.004,
158.626

 79, 37.004,
158.626

 39, 37.004,
158.626

 89, 37.004,
158.626

 29, 37.004,
158.626

 99, 37.004,
158.626

 19, 37.004,
158.626

 9, 37.004, 158.626

 0, 37.004, 158.626

■ 59, 37.004,
158.626

■ 59, 37.004,
158.626

■ 58, 43.203,
157.152

■ 60, 30.324,
159.928

■ 58, 48.813,
155.488

■ 61, 23.280,
161.084

■ 57, 53.765,
153.621

■ 62, 15.995,
162.118

■ 57, 58.037,
151.553

■ 63, 8.577, 163.059

■ 65, 1.122, 164.157

■ 57, 61.276,
149.755

■ 66, 6.293, 344.558

■ 68, 13.610,
345.285

■ 69, 20.787,
345.940

■ 71, 27.794,
346.545

Harmonies

Complementary

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



59, 37.004, 158.626



44, 39.147, 349.457

Rectangle

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



59, 37.004, 158.626



59, 37.004, 208.626



59, 37.004, 338.626



59, 37.004, 28.626

Sweetspot

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



59, 37.005, 158.625



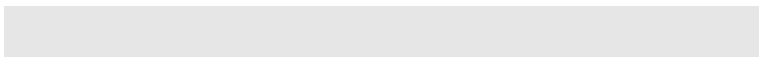
79, 13.809, 162.712



60, 46.972, 126.743



41, 9.396, 162.530



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



59, 37.005, 158.625



74, 53.597, 156.888



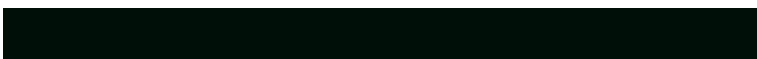
60, 25.721, 197.155



33, 4.230, 163.264



52, 56.869, 149.963



3, 5.644, 162.590

Inverse Universe

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



44, 39.147, 349.457



52, 56.702, 351.421



43, 37.196, 25.227



31, 4.283, 344.684



30, 55.073, 1.591



1, 5.447, 345.376

Previews

White Background



This preview shows how the CIELCh color 59, 37.004, 158.626 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, 37.004, 158.626 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, 37.004, 158.626

Background



This preview shows how black text looks on a background with the CIELCh color 59, 37.004, 158.626.



This preview shows how white text looks on a background with the CIELCh color 59, 37.004, 158.626.

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, 37.004, 158.626

Protanopia
59, 17.969, 94.438

Deuteranopia
59, 13.535, 55.737



Tritanopia
59, 20.911, 216.899

Trichromacy



Original Color
59, 37.004, 158.626

Protanomaly
58, 21.336, 133.965

Deuteranomaly
58, 14.564, 129.804

Tritanomaly
59, 23.783, 187.554

Monochromacy



Original Color
59, 37.004, 158.626

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 14.574, 161.819

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 37.004, 158.626 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(76, 157, 117)` looks like.

```
.text, #text, p{  
    color:rgb(76, 157, 117)  
}
```

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(76, 157, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 157, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 37.004, 158.626 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(76, 157, 117) }
```

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

```
.border{ border-color:rgb(76, 157, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 157, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 157, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 157, 117);  
box-shadow:4px 4px 4px 4px rgb(76, 157,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 37.004, 158.626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 157, 117) }
```

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

```
.background{ background-color: rgb(76, 157,  
117) }
```

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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