

Converting Colors

CIELCh(36, 5.814, 58.337)

Have a look what the booklet for
CIELCh(36, 5.814, 58.337) contains.

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Color

CIELCh(36, 5.817, 59.320)

Conversions

Conversions Part 1

Format	Color
Hex	5D534D
RGB	93, 83, 77
RGB Percent	36%, 33%, 30%
CMY	0.6360, 0.6752, 0.6988
CMYK	0.00, 0.11, 0.17, 0.64
HSL	23°, 9%, 33%
HSV	23°, 17%, 36%
XYZ	8.9066, 9.0082, 8.2563
YIQ	85.3060, 7.8860, 0.2540

Conversions

Conversions Part 2

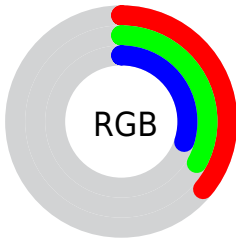
Format	Color
R_{YB}	93, 87, 77
Decimal	6116173
CIE _{Lab}	36.00, 2.97, 5.00
CIE _{LCh}	36, 5.817, 59.320
Yxy	9.0082, 0.3403, 0.3442
Android (android.graphics.Color)	4284306253 (0xFF5D534D)
YUV	85.3060, -4.0949, 6.7476
Hunter-Lab	30.0136, 0.4468, 4.6996

Details

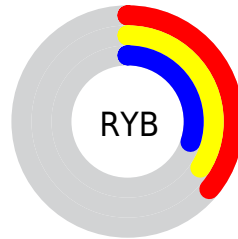
The CIELCh color $[36, 5.817, 59.320]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[36, 5.406, 242.687]$, and the grayscale version is $[36, 0.005, 296.813]$.

A 20% lighter version of the original color is $[56, 5.628, 57.074]$, and $[16, 5.859, 56.534]$ is the 20% darker color. If you saturate the color by 10%, you get $[34, 9.486, 58.520]$, and if you desaturate by 10%, it is $[38, 2.367, 60.126]$.

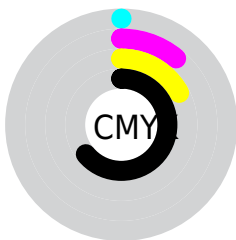
Distribution



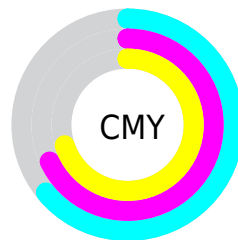
- Red (36%)
- Green (33%)
- Blue (30%)



- Red (36%)
- Yellow (34%)
- Blue (30%)



- Cyan (0%)
- Magenta (11%)
- Yellow (17%)
- Black (64%)



- Cyan (64%)
- Magenta (68%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 36, 5.817, 59.320 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 36, 5.817, 59.320 by changing the saturation by 10% instead.

 36, 5.817, 59.320  36, 5.817, 59.320

 100, 5.817, 59.320  26, 5.817, 59.320


 56, 5.817, 59.320  16, 5.817, 59.320

 66, 5.817, 59.320  6, 5.817, 59.320

 76, 5.817, 59.320  0, 5.817, 59.320

 86, 5.817, 59.320

 96, 5.817, 59.320

 36, 5.817, 59.320  36, 5.817, 59.320

 34, 9.486, 58.520  38, 2.367, 60.126

 32, 13.389, 57.734  40, 0.885, 241.410

■ 30, 17.537, 56.994

■ 42, 3.957, 242.055

■ 29, 21.924, 56.303

■ 44, 6.870, 242.900

■ 27, 26.514, 55.652

■ 46, 9.642, 243.751

■ 25, 31.217, 54.992

■ 48, 12.288,
244.591

■ 24, 35.759, 54.121

■ 50, 14.824,
245.413

■ 22, 39.491, 52.609

■ 22, 40.507, 52.274

■ 52, 17.262,
246.212

■ 54, 19.614,
246.987

Harmonies

Complementary

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



36, 5.817, 59.320



36, 5.406, 242.687

Rectangle

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



36, 5.817, 59.320



36, 5.817, 109.320



36, 5.817, 239.320



36, 5.817, 289.320

Sweetspot

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



36, 5.817, 59.334



49, 2.007, 60.260



35, 9.334, 338.284



25, 1.382, 60.233



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



36, 5.817, 59.334



45, 8.872, 58.973



38, 8.510, 102.401



18, 1.826, 60.009



26, 47.128, 52.643



57, 86.350, 50.947

Inverse Universe

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



36, 5.406, 242.687



46, 8.073, 243.231



34, 8.727, 286.048



18, 1.764, 241.794



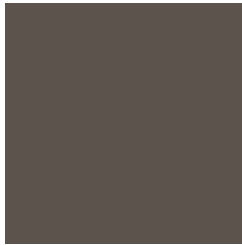
28, 29.119, 266.101



59, 53.700, 269.649

Previews

White Background



This preview shows how the CIELCh color 36, 5.817, 59.320 looks on a white background.

Color Contrast Check

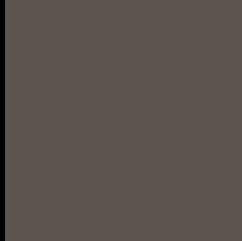
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIELCh color 36, 5.817, 59.320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

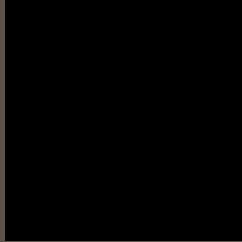
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 5.817, 59.320

Background



This preview shows how black text looks on a background with the CIELCh color 36, 5.817, 59.320.



This preview shows how white text looks on a background with the CIELCh color 36, 5.817, 59.320.

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

36, 5.817, 59.320

Protanopia

36, 4.103, 84.058

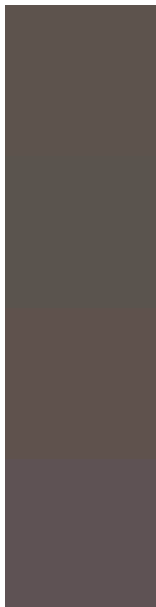
Deuteranopia

36, 7.026, 46.140



Tritanopia
36, 7.074, 342.652

Trichromacy



Original Color
36, 5.817, 59.320

Protanomaly
36, 4.559, 73.875

Deuteranomaly
36, 6.615, 47.841

Tritanomaly
36, 5.370, 6.874

Monochromacy



Original Color
36, 5.817, 59.320

Achromatopsia
36, 0.005, 296.813

Achromatomaly
36, 2.124, 55.076

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 5.817, 59.320 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(93, 83, 77)` looks like.

```
.text, #text, p{  
    color:rgb(93, 83, 77)  
}
```

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(93, 83, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 83, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 5.817, 59.320 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(93, 83, 77) }
```

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

```
.border{ border-color:rgb(93, 83, 77) }
```

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

Here you see how a box with a 4 pixel rgb(93, 83, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 83, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 83, 77);  
box-shadow:4px 4px 4px 4px rgb(93, 83, 77)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 5.817, 59.320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 83, 77) }
```

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

```
.background{ background-color: rgb(93, 83,  
77) }
```

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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