

Converting Colors

CIELCh(36, 5.645, 60.177)

Have a look what the booklet for
CIELCh(36, 5.645, 60.177) contains.

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Color

CIELCh(36, 5.474, 62.323)

Conversions

Conversions Part 1

Format	Color
Hex	5C534D
RGB	92, 83, 77
RGB Percent	36%, 33%, 30%
CMY	0.6390, 0.6743, 0.6979
CMYK	0.00, 0.10, 0.16, 0.64
HSL	24°, 9%, 33%
HSV	24°, 16%, 36%
XYZ	8.8567, 9.0082, 8.3018
YIQ	85.0070, 7.2900, 0.0420

Conversions

Conversions Part 2

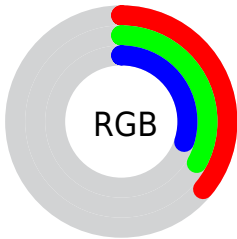
Format	Color
RYB	92, 87, 77
Decimal	6050637
CIELab	36.00, 2.54, 4.85
CIELCh	36, 5.474, 62.323
Yxy	9.0082, 0.3385, 0.3443
Android (android.graphics.Color)	4284240717 (0xFF5C534D)
YUV	85.0070, -3.9475, 6.1329
Hunter-Lab	30.0136, 0.1496, 4.6098

Details

The CIELCh color $[36, 5.474, 62.323]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[36, 5.140, 245.733]$, and the grayscale version is $[36, 0.005, 296.813]$.

A 20% lighter version of the original color is $[56, 5.306, 59.759]$, and $[16, 5.441, 59.789]$ is the 20% darker color. If you saturate the color by 10%, you get $[34, 9.098, 61.436]$, and if you desaturate by 10%, it is $[38, 2.054, 63.196]$.

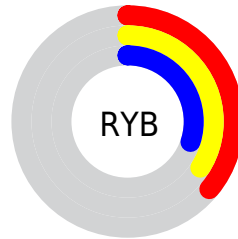
Distribution



Red (36%)

Green (33%)

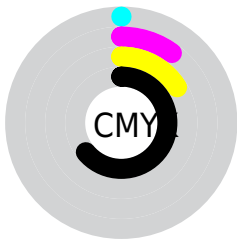
Blue (30%)



Red (36%)

Yellow (34%)

Blue (30%)

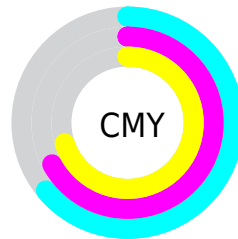


Cyan (0%)

Magenta (10%)

Yellow (16%)

Black (64%)



Cyan (64%)

Magenta (67%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 36, 5.474, 62.323 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, 5.474, 62.323 by changing the saturation by 10% instead.

 36, 5.474, 62.323  36, 5.474, 62.323

 100, 5.474, 62.323  26, 5.474, 62.323

 56, 5.474, 62.323  16, 5.474, 62.323

 66, 5.474, 62.323  6, 5.474, 62.323

 76, 5.474, 62.323  0, 5.474, 62.323

 86, 5.474, 62.323

 96, 5.474, 62.323

 36, 5.474, 62.323  36, 5.474, 62.323

 34, 9.098, 61.436  38, 2.054, 63.196

 32, 12.940, 60.550  40, 1.180, 244.475

■ 31, 17.010, 59.695

■ 42, 4.248, 245.258

■ 29, 21.302, 58.874

■ 44, 7.167, 246.160

■ 27, 25.783, 58.077

■ 46, 9.953, 247.059

■ 26, 30.367, 57.260

■ 48, 12.623,
247.941

■ 24, 34.837, 56.282

■ 50, 15.190,
248.800

■ 23, 38.518, 54.668

■ 22, 39.849, 54.169

■ 52, 17.665,
249.632

■ 54, 20.059,
250.435

Harmonies

Complementary

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



36, 5.474, 62.323



36, 5.140, 245.733

Rectangle

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



36, 5.474, 62.323



36, 5.474, 112.323



36, 5.474, 242.323



36, 5.474, 292.323

Sweetspot

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



36, 5.474, 62.338



49, 2.020, 63.276



35, 8.563, 339.773



25, 1.391, 63.245



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, 5.474, 62.338



46, 8.455, 61.946



38, 8.270, 104.219



18, 1.837, 62.995



27, 46.662, 54.441



58, 85.152, 52.525

Inverse Universe

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



36, 5.140, 245.733



46, 7.791, 246.289



34, 8.495, 287.558



18, 1.780, 244.895



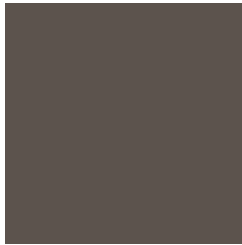
27, 30.502, 269.736



58, 56.504, 273.229

Previews

White Background



This preview shows how the CIELCh color 36, 5.474, 62.323 looks on a white background.

Color Contrast Check

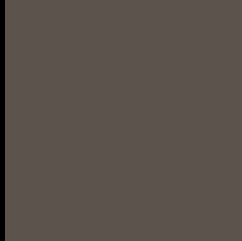
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIE LCh color 36, 5.474, 62.323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

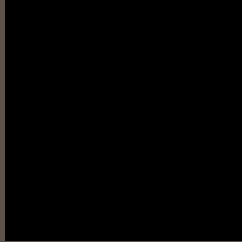
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 5.474, 62.323

Background



This preview shows how black text looks on a background with the CIELCh color 36, 5.474, 62.323.



This preview shows how white text looks on a background with the CIELCh color 36, 5.474, 62.323.

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, 5.474, 62.323

Protanopia

36, 4.103, 84.058

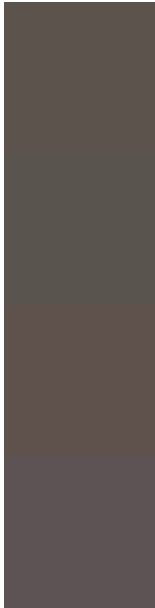
Deuteranopia

36, 7.026, 46.140



Tritanopia
36, 6.741, 340.316

Trichromacy



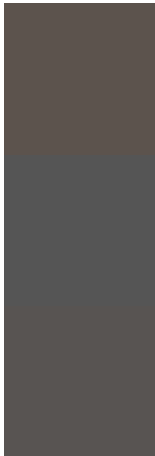
Original Color
36, 5.474, 62.323

Protanomaly
36, 4.313, 78.704

Deuteranomaly
36, 6.615, 47.841

Tritanomaly
36, 4.941, 5.614

Monochromacy



Original Color
36, 5.474, 62.323

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, 5.474, 62.323 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(92, 83, 77)` looks like.

```
.text, #text, p{  
    color:rgb(92, 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(92, 83, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 83, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 5.474, 62.323 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(92, 83, 77) }
```

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

```
.border{ border-color:rgb(92, 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(92, 83, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 83, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 83, 77);  
box-shadow:4px 4px 4px 4px rgb(92, 83, 77)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 5.474, 62.323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 83, 77) }
```

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

```
.background{ background-color: rgb(92, 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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