

Converting Colors

CIELCh(36, 3.545, 200.386)

Have a look what the booklet for
CIELCh(36, 3.545, 200.386) contains.

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Color

CIELCh(36, 3.365, 209.706)

Conversions

Conversions Part 1

Format	Color
Hex	4E5657
RGB	78, 86, 87
RGB Percent	31%, 34%, 34%
CMY	0.6933, 0.6619, 0.6580
CMYK	0.10, 0.01, 0.00, 0.66
HSL	187°, 5%, 32%
HSV	187°, 10%, 34%
XYZ	8.2314, 9.0082, 10.3659
YIQ	83.7220, -5.0890, -1.3850

Conversions

Conversions Part 2

Format	Color
R_YB	78, 82, 87
Decimal	5133911
CIE Lab	36.00, -2.92, -1.67
CIE LCh	36, 3.365, 209.706
Yxy	9.0082, 0.2982, 0.3263
Android (android.graphics.Color)	4283323991 (0xFF4E5657)
YUV	83.7220, 1.6161, -5.0182
Hunter-Lab	30.0136, -3.5692, 0.5324

Details

The CIELCh color **36, 3.365, 209.706** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **34, 3.578, 29.840**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 3.504, 208.597**, and **16, 3.275, 211.179** is the 20% darker color. If you saturate the color by 10%, you get **35, 6.450, 209.611**, and if you desaturate by 10%, it is **37, 0.109, 212.524**.

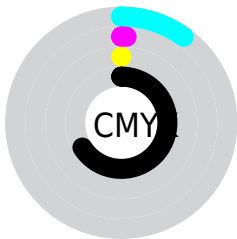
Distribution



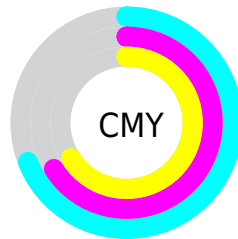
- Red (31%)
- Green (34%)
- Blue (34%)



- Red (31%)
- Yellow (32%)
- Blue (34%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (66%)



- Cyan (69%)
- Magenta (66%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 36, 3.365, 209.706 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, 3.365, 209.706 by changing the saturation by 10% instead.

■ 36, 3.365, 209.706

■ 36, 3.365, 209.706

■ 100, 3.365,
209.706

■ 26, 3.365, 209.706

■ 56, 3.365, 209.706

■ 16, 3.365, 209.706

■ 66, 3.365, 209.706

■ 6, 3.365, 209.706

■ 76, 3.365, 209.706

■ 0, 3.365, 209.706

■ 86, 3.365, 209.706

■ 96, 3.365, 209.706

■ 36, 3.365, 209.706

■ 36, 3.365, 209.706

■ 35, 6.450, 209.611

■ 37, 0.109, 212.524

■ 34, 9.320, 209.659

■ 38, 3.282, 29.792

■ 33, 11.930,
209.834

■ 39, 6.774, 30.062

■ 32, 14.234,
210.159

■ 40, 10.339, 30.336

■ 32, 16.191,
210.660

■ 42, 13.952, 30.628

■ 31, 17.766,
211.370

■ 44, 21.257, 31.255

■ 31, 18.941,
212.323

■ 46, 24.920, 31.581

■ 30, 19.724,
213.549

■ 47, 28.577, 31.909

■ 30, 20.378,
214.764

Harmonies

Complementary

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



36, 3.365, 209.706



34, 3.578, 29.840

Rectangle

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



36, 3.365, 209.706



36, 3.365, 259.706



36, 3.365, 29.706



36, 3.365, 79.706

Sweetspot

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



36, 3.365, 209.689



47, 1.224, 209.971



36, 6.373, 146.716



23, 0.916, 209.914



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



36, 3.365, 209.689



46, 4.791, 209.660



35, 3.665, 266.728



17, 1.822, 209.718



37, 23.478, 215.314



77, 41.541, 216.764

Inverse Universe

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



34, 6.337, 328.132



43, 9.077, 328.247



36, 3.694, 84.178



16, 3.415, 328.044



24, 56.187, 332.936



54, 99.330, 333.293

Previews

White Background



This preview shows how the CIELCh color 36, 3.365, 209.706 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, 3.365, 209.706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

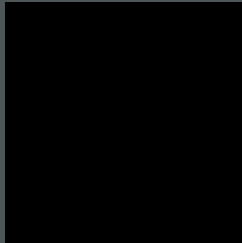
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

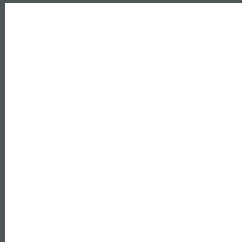
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 36, 3.365, 209.706

Background



This preview shows how black text looks on a background with the CIELCh color 36, 3.365, 209.706.



This preview shows how white text looks on a background with the CIELCh color 36, 3.365, 209.706.

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, 3.365, 209.706

Protanopia

36, 1.518, 324.466

Deuteranopia

36, 5.369, 336.272



Tritanopia
36, 4.936, 261.294

Trichromacy



Original Color

36, 3.365, 209.706

Protanomaly

36, 1.042, 236.214

Deuteranomaly

36, 2.638, 309.226

Tritanomaly

36, 3.921, 251.814

Monochromacy



Original Color

36, 3.365, 209.706

Achromatopsia

36, 0.005, 296.813

Achromatomaly

36, 1.269, 199.461

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 3.365, 209.706 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(78, 86, 87)` looks like.

```
.text, #text, p{  
    color:rgb(78, 86, 87)  
}
```

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(78, 86, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 86, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 3.365, 209.706 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(78, 86, 87) }
```

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

```
.border{ border-color:rgb(78, 86, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 86, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 86, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 86, 87);  
box-shadow:4px 4px 4px 4px rgb(78, 86, 87)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 3.365, 209.706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 86, 87) }
```

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

```
.background{ background-color: rgb(78, 86,  
87) }
```

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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