

Converting Colors

CIELCh(36, 6.295, 251.568)

Have a look what the booklet for
CIELCh(36, 6.295, 251.568) contains.

CIELCh(36, 6.284, 251.548)	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(36, 6.284, 251.548)

Conversions

Conversions Part 1	
Format	Color
Hex	4C565E
RGB	76, 86, 94
RGB Percent	30%, 34%, 37%
CMY	0.7018, 0.6626, 0.6312
CMYK	0.19, 0.09, 0.00, 0.63
HSL	207°, 11%, 33%
HSV	207°, 19%, 37%
XYZ	8.3361, 9.0082, 11.8977
YIQ	83.9220, -8.5280, 0.3680

Conversions

Conversions Part 2

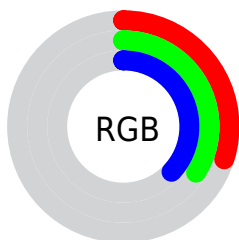
Format	Color
RYB	76, 82, 94
Decimal	5002846
CIELab	36.00, -1.99, -5.96
CIELCh	36, 6.284, 251.548
Yxy	9.0082, 0.2851, 0.3081
Android (android.graphics.Color)	4283192926 (0xFF4C565E)
YUV	83.9220, 4.9685, -6.9476
Hunter-Lab	30.0136, -2.9466, -2.4937

Details

The CIELCh color **36, 6.284, 251.548** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **36, 6.689, 67.127**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 6.094, 248.019**, and **16, 6.136, 252.330** is the 20% darker color. If you saturate the color by 10%, you get **34, 9.461, 253.087**, and if you desaturate by 10%, it is **38, 3.030, 250.266**.

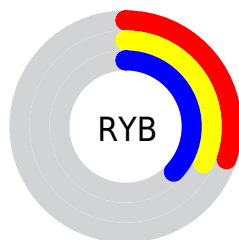
Distribution



Red (30%)

Green (34%)

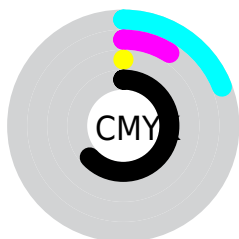
Blue (37%)



Red (30%)

Yellow (32%)

Blue (37%)

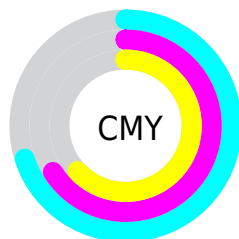


Cyan (19%)

Magenta (9%)

Yellow (0%)

Black (63%)



Cyan (70%)

Magenta (66%)

Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 36, 6.284, 251.548 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, 6.284, 251.548 by changing the saturation by 10% instead.

 36, 6.284, 251.548  36, 6.284, 251.548

 100, 6.284,
251.548  26, 6.284, 251.548

 56, 6.284, 251.548  16, 6.284, 251.548

 66, 6.284, 251.548  6, 6.284, 251.548

 76, 6.284, 251.548  0, 6.284, 251.548

 86, 6.284, 251.548

 96, 6.284, 251.548

 36, 6.284, 251.548  36, 6.284, 251.548

 34, 9.461, 253.087  38, 3.030, 250.266

■ 32, 12.546,
254.935

■ 40, 0.282, 68.231

■ 30, 15.525,
257.135

■ 42, 3.638, 68.061

■ 28, 18.390,
259.742

■ 44, 7.023, 67.280

■ 26, 21.143,
262.802

■ 48, 13.833, 65.989

■ 25, 23.806,
266.338

■ 51, 17.239, 65.460

■ 23, 26.417,
270.331

■ 53, 20.638, 64.994

■ 21, 29.106,
274.205

■ 55, 24.022, 64.581

■ 21, 29.344,
274.508

Harmonies

Complementary

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



36, 6.284, 251.548



36, 6.689, 67.127

Rectangle

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



36, 6.284, 251.548



36, 6.284, 301.548



36, 6.284, 71.548



36, 6.284, 121.548

Sweetspot

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



36, 6.284, 251.540



50, 2.478, 249.955



38, 9.867, 158.777



25, 1.628, 249.990



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, 6.284, 251.540



46, 9.335, 252.213



33, 10.584, 289.423



18, 1.821, 250.228



25, 33.216, 275.521



55, 61.942, 278.872

Inverse Universe

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



34, 9.953, 342.208



43, 14.901, 342.598



39, 10.220, 105.548



17, 2.830, 341.365



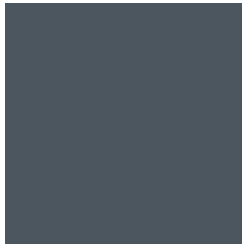
22, 46.471, 354.987



51, 81.135, 357.466

Previews

White Background



This preview shows how the CIELCh color 36, 6.284, 251.548 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, 6.284, 251.548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

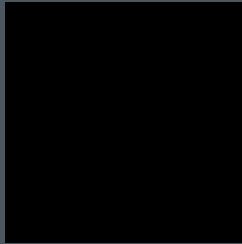
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

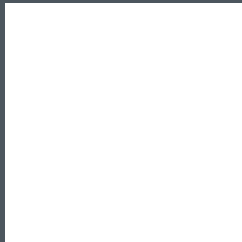
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 36, 6.284, 251.548

Background



This preview shows how black text looks on a background with the CIELCh color 36, 6.284, 251.548.



This preview shows how white text looks on a background with the CIELCh color 36, 6.284, 251.548.

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, 6.284, 251.548

Protanopia

36, 5.594, 291.103

Deuteranopia

36, 8.494, 308.309



Tritanopia
36, 5.833, 247.439

Trichromacy



Original Color

36, 6.284, 251.548

Protanomaly

36, 5.193, 272.742

Deuteranomaly

36, 7.488, 294.516

Tritanomaly

36, 5.833, 247.439

Monochromacy



Original Color

36, 6.284, 251.548

Achromatopsia

36, 0.005, 296.813

Achromatomaly

36, 2.477, 248.254

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 6.284, 251.548 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, 86, 94)` looks like.

```
.text, #text, p{  
    color:rgb(76, 86, 94)  
}
```

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, 86, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 86, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 6.284, 251.548 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, 86, 94) }
```

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

```
.border{ border-color:rgb(76, 86, 94) }
```

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

Here you see how a box with a 4 pixel rgb(76, 86, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 86, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 86, 94);  
box-shadow:4px 4px 4px 4px rgb(76, 86, 94)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 6.284, 251.548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 86, 94) }
```

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

```
.background{ background-color: rgb(76, 86,  
94) }
```

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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