

Converting Colors

CIELCh(36, 22.396, 358.148)

Have a look what the booklet for
CIELCh(36, 22.396, 358.148)
contains.

CIELCh(36, 22.295, 359.113)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(36, 22.295, 359.113)

Conversions

Conversions Part 1

Format	Color
Hex	764756
RGB	118, 71, 86
RGB Percent	46%, 28%, 34%
CMY	0.5377, 0.7219, 0.6631
CMYK	0.00, 0.40, 0.27, 0.54
HSL	341°, 25%, 37%
HSV	341°, 40%, 46%
XYZ	11.3792, 9.0082, 9.9221
YIQ	86.7630, 23.1970, 14.6290

Conversions

Conversions Part 2

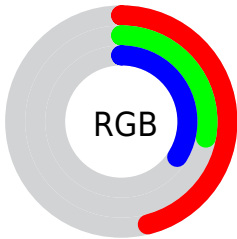
Format	Color
R_{YB}	118, 71, 86
Decimal	7751510
CIE Lab	36.00, 22.29, -0.35
CIE LCh	36, 22.295, 359.113
Yxy	9.0082, 0.3754, 0.2972
Android (android.graphics.Color)	4285941590 (0xFF764756)
YUV	86.7630, -0.3762, 27.3948
Hunter-Lab	30.0136, 15.1516, 1.4091

Details

The CIELCh color **36, 22.295, 359.113** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **46, 20.061, 170.751**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 22.371, 358.226**, and **16, 22.114, 359.475** is the 20% darker color. If you saturate the color by 10%, you get **33, 27.971, 0.785**, and if you desaturate by 10%, it is **39, 16.536, 357.720**.

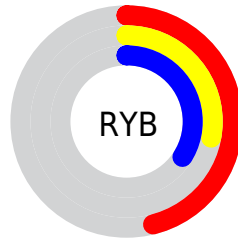
Distribution



Red (46%)

Green (28%)

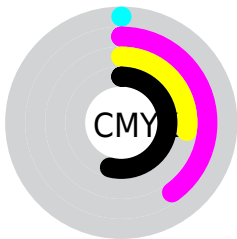
Blue (34%)



Red (46%)

Yellow (28%)

Blue (34%)

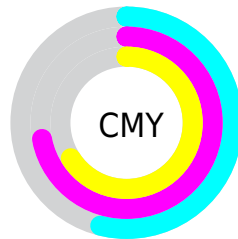


Cyan (0%)

Magenta (40%)

Yellow (27%)

Black (54%)



Cyan (54%)

Magenta (72%)


Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 22.295, 359.113 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, 22.295, 359.113 by changing the saturation by 10% instead.


 36, 22.295,
359.113


 36, 22.295,
359.113

 100, 22.295,
359.113


 26, 22.295,
359.113

 56, 22.295,
359.113


 16, 22.295,
359.113


 66, 22.295,
359.113

 6, 22.295, 359.113

 76, 22.295,
359.113

 0, 22.295, 359.113

 86, 22.295,
359.113

 96, 22.295,
359.113

■ 36, 22.295,
359.113

■ 36, 22.295,
359.113

■ 33, 27.971, 0.785

■ 39, 16.536,
357.720

■ 30, 33.377, 2.825

■ 43, 10.838,
356.528

■ 28, 38.276, 5.361

■ 26, 42.435, 8.541

■ 46, 5.286, 355.474

■ 25, 45.712, 12.510

■ 50, 0.072, 179.078

■ 24, 48.610, 16.855

■ 53, 5.214, 173.898

■ 24, 48.655, 16.914

■ 57, 10.136,
173.150

■ 61, 14.844,
172.489

■ 64, 19.350,
171.889

■ 68, 23.670,
171.341

Harmonies

Complementary

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



36, 22.295, 359.113



46, 20.061, 170.751

Rectangle

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



36, 22.295, 359.113



36, 22.295, 49.113



36, 22.295, 179.113



36, 22.295, 229.113

Sweetspot

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



36, 22.293, 359.115



58, 8.003, 355.724



35, 31.477, 316.302



29, 5.286, 355.820



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



36, 22.293, 359.115



43, 33.340, 0.665



38, 19.129, 36.270



23, 3.001, 355.390



25, 50.027, 17.156



53, 86.095, 20.530

Inverse Universe

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



36, 22.293, 359.115



43, 33.340, 0.665



44, 14.490, 217.007



23, 3.001, 355.390



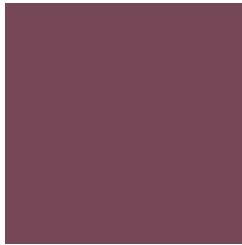
25, 50.027, 17.156



53, 86.095, 20.530

Previews

White Background



This preview shows how the CIELCh color 36, 22.295, 359.113 looks on a white background.

Color Contrast Check

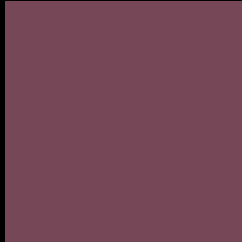
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.295, 359.113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

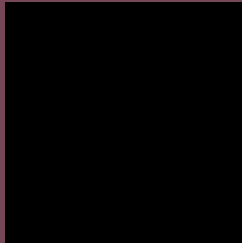
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 22.295, 359.113

Background



This preview shows how black text looks on a background with the CIELCh color 36, 22.295, 359.113.



This preview shows how white text looks on a background with the CIELCh color 36, 22.295, 359.113.

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, 22.295, 359.113

Protanopia
36, 5.591, 286.911

Deuteranopia
36, 5.370, 6.874



Tritanopia
36, 20.583, 12.691

Trichromacy



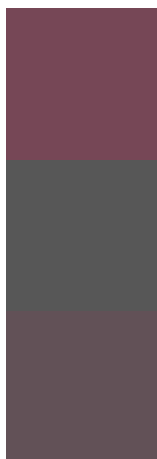
Original Color
36, 22.295, 359.113

Protanomaly
36, 9.641, 335.865

Deuteranomaly
36, 11.736, 359.736

Tritanomaly
36, 20.706, 7.624

Monochromacy



Original Color
36, 22.295, 359.113

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 8.233, 353.942

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 22.295, 359.113 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(118, 71, 86)` looks like.

```
.text, #text, p{  
    color:rgb(118, 71, 86)  
}
```

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(118, 71, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 71, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 22.295, 359.113 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(118, 71, 86) }
```

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

```
.border{ border-color:rgb(118, 71, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 71, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 71, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 71, 86);  
box-shadow:4px 4px 4px 4px rgb(118, 71,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 22.295, 359.113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 71, 86) }
```

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

```
.background{ background-color: rgb(118, 71,  
86) }
```

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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