

Converting Colors

CIELCh(36, 4.199, 83.994)

Have a look what the booklet for
CIELCh(36, 4.199, 83.994) contains.

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Color

CIELCh(36, 4.103, 84.058)

Conversions

Conversions Part 1

Format	Color
Hex	58544E
RGB	88, 84, 78
RGB Percent	35%, 33%, 31%
CMY	0.6541, 0.6698, 0.6934
CMYK	0.00, 0.05, 0.11, 0.65
HSL	36°, 6%, 33%
HSV	36°, 11%, 35%
XYZ	8.6108, 9.0082, 8.5290
YIQ	84.5120, 4.3100, -1.0180

Conversions

Conversions Part 2

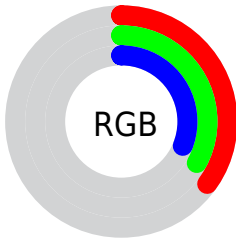
Format	Color
RYB	85, 88, 78
Decimal	5788750
CIELab	36.00, 0.42, 4.08
CIELCh	36, 4.103, 84.058
Yxy	9.0082, 0.3293, 0.3445
Android (android.graphics.Color)	4283978830 (0xFF58544E)
YUV	84.5120, -3.2104, 3.0590
Hunter-Lab	30.0136, -1.3130, 4.1610

Details

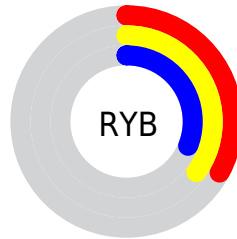
The CIELCh color **36, 4.103, 84.058** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **35, 4.066, 266.876**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 3.960, 79.149**, and **16, 4.045, 79.020** is the 20% darker color. If you saturate the color by 10%, you get **35, 7.834, 82.892**, and if you desaturate by 10%, it is **37, 0.475, 84.943**.

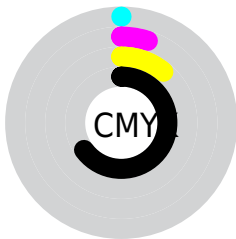
Distribution



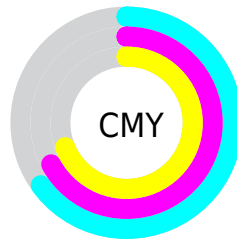
- Red (35%)
- Green (33%)
- Blue (31%)



- Red (33%)
- Yellow (35%)
- Blue (31%)



- Cyan (0%)
- Magenta (5%)
- Yellow (11%)
- Black (65%)




- Cyan (65%)
- Magenta (67%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 36, 4.103, 84.058 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, 4.103, 84.058 by changing the saturation by 10% instead.

 36, 4.103, 84.058  36, 4.103, 84.058

 100, 4.103, 84.058  26, 4.103, 84.058

 56, 4.103, 84.058  16, 4.103, 84.058

 66, 4.103, 84.058  6, 4.103, 84.058

 76, 4.103, 84.058  0, 4.103, 84.058

 86, 4.103, 84.058

 96, 4.103, 84.058

 36, 4.103, 84.058  36, 4.103, 84.058

 35, 7.834, 82.892  37, 0.475, 84.943

 33, 11.667, 81.664  39, 3.057, 266.461

■ 32, 15.597, 80.404

■ 40, 6.499, 267.521

■ 31, 19.602, 79.110

■ 41, 9.858, 268.556

■ 30, 23.637, 77.774

■ 43, 13.143,
269.552

■ 29, 27.612, 76.370

■ 44, 16.359,
270.505

■ 28, 31.360, 74.843

■ 27, 34.637, 73.109

■ 45, 19.513,
271.414

■ 26, 37.325, 71.713

■ 47, 22.612,
272.279

■ 48, 25.659,
273.103

Harmonies

Complementary

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



36, 4.103, 84.058



35, 4.066, 266.876

Rectangle

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



36, 4.103, 84.058



36, 4.103, 134.058



36, 4.103, 264.058



36, 4.103, 314.058

Sweetspot

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



36, 4.104, 84.075



48, 1.329, 84.933



34, 5.020, 350.319



24, 1.017, 84.884



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



36, 4.104, 84.075



46, 6.321, 83.712



37, 6.164, 113.263



17, 1.988, 84.368



31, 43.609, 71.209



67, 77.819, 68.847

Inverse Universe

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



35, 4.066, 266.876



44, 6.239, 267.295



34, 6.313, 295.013



16, 1.976, 266.547



19, 43.770, 290.275



44, 83.412, 293.059

Previews

White Background



This preview shows how the CIELCh color 36, 4.103, 84.058 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, 4.103, 84.058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

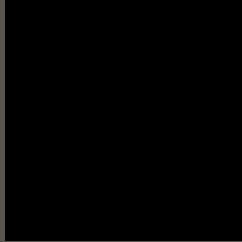
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 4.103, 84.058

Background



This preview shows how black text looks on a background with the CIELCh color 36, 4.103, 84.058.



This preview shows how white text looks on a background with the CIELCh color 36, 4.103, 84.058.

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

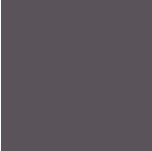
36, 4.103, 84.058

Protanopia

36, 4.103, 84.058

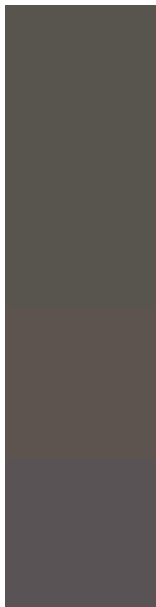
Deuteranopia

36, 6.081, 37.831



Tritanopia
36, 4.785, 329.002

Trichromacy



Original Color
36, 4.103, 84.058

Protanomaly
36, 4.103, 84.058

Deuteranomaly
36, 5.080, 48.932

Tritanomaly
36, 2.872, 354.175

Monochromacy



Original Color
36, 4.103, 84.058

Achromatopsia
36, 0.005, 296.813

Achromatomaly
36, 1.302, 90.633

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 4.103, 84.058 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(88, 84, 78)` looks like.

```
.text, #text, p{  
    color:rgb(88, 84, 78)  
}
```

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(88, 84, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 84, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 4.103, 84.058 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(88, 84, 78) }
```

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

```
.border{ border-color:rgb(88, 84, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 84, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 84, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 84, 78);  
box-shadow:4px 4px 4px 4px rgb(88, 84, 78)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 4.103, 84.058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 84, 78) }
```

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

```
.background{ background-color: rgb(88, 84,  
78) }
```

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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