

Converting Colors

CIELCh(36, 8.844, 214.747)

Have a look what the booklet for
CIELCh(36, 8.844, 214.747) contains.

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Color

CIELCh(36, 8.853, 214.756)

Conversions

Conversions Part 1

Format	Color
Hex	42585C
RGB	66, 88, 92
RGB Percent	26%, 35%, 36%
CMY	0.7394, 0.6531, 0.6374
CMYK	0.28, 0.04, 0.00, 0.64
HSL	189°, 16%, 31%
HSV	189°, 28%, 36%
XYZ	7.7552, 9.0082, 11.5598
YIQ	81.8780, -14.3960, -3.4200

Conversions

Conversions Part 2

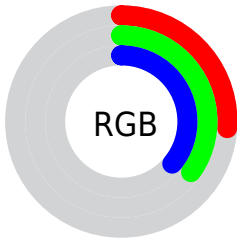
Format	Color
RYB	66, 78, 92
Decimal	4347996
CIELab	36.00, -7.27, -5.05
CIELCh	36, 8.853, 214.756
Yxy	9.0082, 0.2738, 0.3180
Android (android.graphics.Color)	4282538076 (0xFF42585C)
YUV	81.8780, 4.9901, -13.9250
Hunter-Lab	30.0136, -6.4012, -1.8261

Details

The CIELCh color **36, 8.853, 214.756** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **32, 10.611, 34.577**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 8.767, 213.866**, and **16, 9.024, 211.245** is the 20% darker color. If you saturate the color by 10%, you get **35, 11.570, 215.158**, and if you desaturate by 10%, it is **37, 5.884, 214.504**.

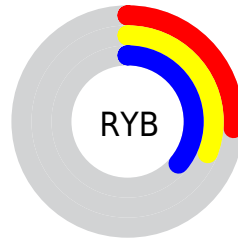
Distribution



Red (26%)

Green (35%)

Blue (36%)



Red (26%)

Yellow (31%)

Blue (36%)

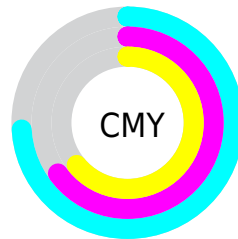


Cyan (28%)

Magenta (4%)

Yellow (0%)

Black (64%)



Cyan (74%)

Magenta (65%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 36, 8.853, 214.756 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, 8.853, 214.756 by changing the saturation by 10% instead.

■ 36, 8.853, 214.756

■ 36, 8.853, 214.756

■ 100, 8.853,
214.756

■ 26, 8.853, 214.756

■ 56, 8.853, 214.756

■ 16, 8.853, 214.756

■ 66, 8.853, 214.756

■ 6, 8.853, 214.756

■ 76, 8.853, 214.756

■ 0, 8.853, 214.756

■ 86, 8.853, 214.756

■ 96, 8.853, 214.756

■ 36, 8.853, 214.756

■ 36, 8.853, 214.756

■ 35, 11.570,
215.158

■ 37, 5.884, 214.504

34, 13.989,
215.756

38, 2.708, 214.425

33, 16.067,
216.584

39, 0.633, 33.763

32, 17.766,
217.690

41, 4.102, 34.215

32, 19.067,
219.125

42, 7.668, 34.339

31, 19.967,
220.943

43, 11.303, 34.486

30, 20.658,
222.949

45, 14.987, 34.661

30, 20.793,
223.306

46, 18.702, 34.857

48, 22.432, 35.071

Harmonies

Complementary

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



36, 8.853, 214.756



32, 10.611, 34.577

Rectangle

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



36, 8.853, 214.756



36, 8.853, 264.756



36, 8.853, 34.756



36, 8.853, 84.756

Sweetspot

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



36, 8.853, 214.751



49, 3.296, 214.424



37, 17.679, 146.980



25, 2.355, 214.422



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, 8.853, 214.751



46, 12.926, 215.014



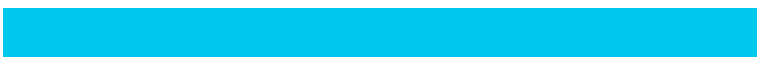
32, 11.167, 273.700



18, 1.851, 214.422



36, 23.422, 223.958



75, 41.224, 226.016

Inverse Universe

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



32, 17.678, 330.550



39, 26.396, 330.958



36, 11.294, 86.412



17, 3.479, 329.424



24, 55.333, 335.085



54, 96.819, 335.610

Previews

White Background



This preview shows how the CIELCh color 36, 8.853, 214.756 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, 8.853, 214.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

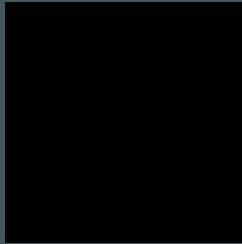
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 8.853, 214.756

Background



This preview shows how black text looks on a background with the CIELCh color 36, 8.853, 214.756.



This preview shows how white text looks on a background with the CIELCh color 36, 8.853, 214.756.

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

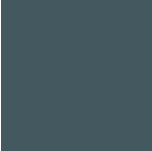
36, 8.853, 214.756

Protanopia

36, 3.731, 290.803

Deuteranopia

36, 7.903, 309.595



Tritanopia
36, 9.052, 227.358

Trichromacy



Original Color

36, 8.853, 214.756

Protanomaly

36, 4.445, 243.546

Deuteranomaly

36, 5.794, 274.855

Tritanomaly

36, 8.832, 223.562

Monochromacy



Original Color

36, 8.853, 214.756

Achromatopsia

35, 0.005, 296.813

Achromatomaly

35, 3.517, 219.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 8.853, 214.756 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(66, 88, 92)` looks like.

```
.text, #text, p{  
    color:rgb(66, 88, 92)  
}
```

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(66, 88, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 88, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 8.853, 214.756 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(66, 88, 92) }
```

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

```
.border{ border-color:rgb(66, 88, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 88, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 88, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 88, 92);  
box-shadow:4px 4px 4px 4px rgb(66, 88, 92)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 8.853, 214.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 88, 92) }
```

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

```
.background{ background-color: rgb(66, 88,  
92) }
```

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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