

Converting Colors

CIELCh(35, 13.703, 191.570)

Have a look what the booklet for
CIELCh(35, 13.703, 191.570)
contains.

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Color

CIELCh(35, 13.921, 189.760)

Conversions

Conversions Part 1

Format	Color
Hex	355956
RGB	53, 89, 86
RGB Percent	21%, 35%, 34%
CMY	0.7935, 0.6524, 0.6641
CMYK	0.41, 0.00, 0.03, 0.65
HSL	175°, 25%, 28%
HSV	175°, 41%, 35%
XYZ	6.6575, 8.4984, 10.0185
YIQ	77.8940, -20.4930, -8.5650

Conversions

Conversions Part 2

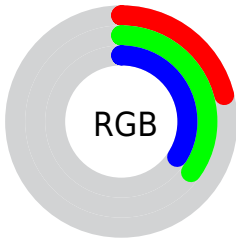
Format	Color
RYB	53, 72, 89
Decimal	3496278
CIELab	35.00, -13.72, -2.36
CIELCh	35, 13.921, 189.760
Yxy	8.4984, 0.2645, 0.3376
Android (android.graphics.Color)	4281686358 (0xFF355956)
YUV	77.8940, 3.9963, -21.8320
Hunter-Lab	29.1520, -10.2514, 0.0305

Details

The CIELCh color **35, 13.921, 189.760** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **26, 17.343, 16.639**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 13.739, 190.825**, and **15, 13.733, 190.528** is the 20% darker color. If you saturate the color by 10%, you get **35, 16.690, 189.054**, and if you desaturate by 10%, it is **36, 10.838, 190.454**.

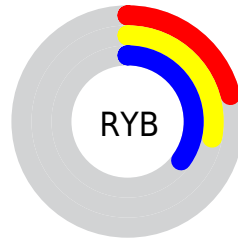
Distribution



 Red (21%)

 Green (35%)

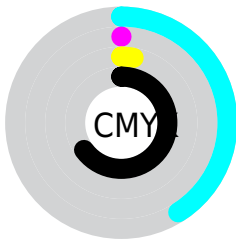
 Blue (34%)




 Red (21%)

 Yellow (28%)

 Blue (35%)

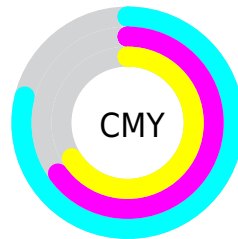


 Cyan (41%)

 Magenta (0%)

 Yellow (3%)

 Black (65%)



 Cyan (79%)


 Magenta (65%)


 Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 13.921, 189.760 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 35, 13.921, 189.760 by changing the saturation by 10% instead.


 35, 13.921,
189.760


 35, 13.921,
189.760

 100, 13.921,
189.760


 25, 13.921,
189.760

 55, 13.921,
189.760


 15, 13.921,
189.760


 65, 13.921,
189.760

 5, 13.921, 189.760

 75, 13.921,
189.760

 0, 13.921, 189.760

 85, 13.921,
189.760

 95, 13.921,
189.760

■ 35, 13.921,
189.760

■ 35, 13.921,
189.760

■ 35, 16.690,
189.054

■ 36, 10.838,
190.454

■ 34, 19.096,
188.336

■ 36, 7.493, 191.151

■ 37, 3.939, 191.869

■ 34, 21.103,
187.594

■ 38, 0.227, 193.790

■ 34, 22.688,
186.816

■ 38, 3.598, 13.066

■ 39, 7.497, 13.783

■ 33, 23.859,
185.991

■ 40, 11.438, 14.466

■ 33, 24.849,
185.239

■ 41, 15.394, 15.135

■ 42, 19.344, 15.793

Harmonies

Complementary

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



35, 13.921, 189.760



26, 17.343, 16.639

Rectangle

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



35, 13.921, 189.760



35, 13.921, 239.760



35, 13.921, 9.760



35, 13.921, 59.760

Sweetspot

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



35, 13.921, 189.757



47, 5.496, 191.737



34, 26.519, 139.743



24, 3.669, 191.686



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



35, 13.921, 189.757



45, 19.996, 189.057



30, 12.085, 251.668



17, 2.048, 192.011



40, 28.419, 184.990



84, 50.808, 184.283

Inverse Universe

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



26, 17.343, 16.639



32, 26.489, 18.323



31, 14.228, 61.977



16, 2.138, 13.071



21, 50.821, 33.218



49, 94.724, 37.275

Previews

White Background



This preview shows how the CIELCh color 35, 13.921, 189.760 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 35, 13.921, 189.760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

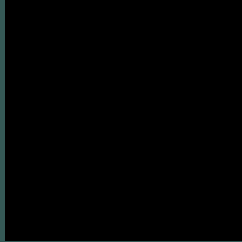
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 13.921, 189.760

Background



This preview shows how black text looks on a background with the CIELCh color 35, 13.921, 189.760.



This preview shows how white text looks on a background with the CIELCh color 35, 13.921, 189.760.

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

35, 13.921, 189.760

Protanopia

35, 0.862, 19.194

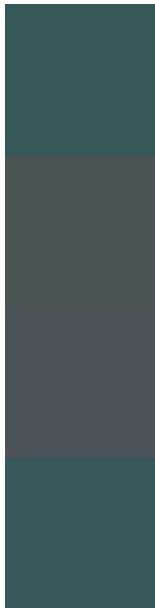
Deuteranopia

35, 5.836, 321.377



Tritanopia
35, 12.404, 218.771

Trichromacy



Original Color
35, 13.921, 189.760

Protanomaly
35, 4.641, 191.049

Deuteranomaly
35, 4.083, 236.929

Tritanomaly
35, 12.750, 206.286

Monochromacy



Original Color
35, 13.921, 189.760

Achromatopsia
33, 0.005, 296.813

Achromatomaly
34, 5.456, 192.037

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 13.921, 189.760 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(53, 89, 86)` looks like.

```
.text, #text, p{  
    color:rgb(53, 89, 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(53, 89, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 89, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 13.921, 189.760 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(53, 89, 86) }
```

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

```
.border{ border-color:rgb(53, 89, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 89, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 89, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 89, 86);  
box-shadow:4px 4px 4px 4px rgb(53, 89, 86)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 13.921, 189.760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 89, 86) }
```

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

```
.background{ background-color: rgb(53, 89,  
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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