

Converting Colors

CIELCh(35, 11.657, 143.444)

Have a look what the booklet for
CIELCh(35, 11.657, 143.444)
contains.

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Color

CIELCh(35, 11.443, 143.459)

Conversions

Conversions Part 1

Format	Color
Hex	475647
RGB	71, 86, 71
RGB Percent	28%, 34%, 28%
CMY	0.7207, 0.6618, 0.7207
CMYK	0.17, 0.00, 0.17, 0.66
HSL	120°, 10%, 31%
HSV	120°, 17%, 34%
XYZ	7.1058, 8.4984, 7.2647
YIQ	79.8050, -4.1250, -7.8450

Conversions

Conversions Part 2

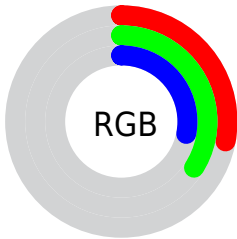
Format	Color
R_{YB}	71, 86, 86
Decimal	4675143
CIE _{Lab}	35.00, -9.19, 6.81
CIE _{LCh}	35, 11.443, 143.459
Yxy	8.4984, 0.3107, 0.3716
Android (android.graphics.Color)	4282865223 (0xFF475647)
YUV	79.8050, -4.3409, -7.7220
Hunter-Lab	29.1520, -7.5066, 5.6312

Details

The CIELCh color **35, 11.443, 143.459** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **32, 11.455, 325.301**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 11.709, 142.203**, and **15, 11.477, 144.533** is the 20% darker color. If you saturate the color by 10%, you get **34, 18.047, 142.757**, and if you desaturate by 10%, it is **36, 4.842, 144.078**.

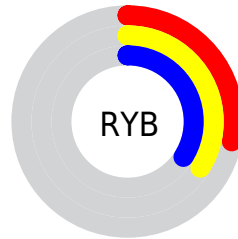
Distribution



Red (28%)

Green (34%)

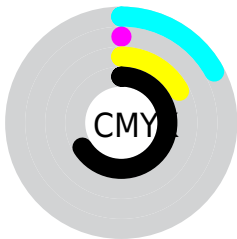
Blue (28%)



Red (28%)

Yellow (34%)

Blue (34%)

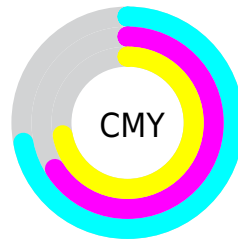


Cyan (17%)

Magenta (0%)

Yellow (17%)

Black (66%)



Cyan (72%)


Magenta (66%)


Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 11.443, 143.459 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, 11.443, 143.459 by changing the saturation by 10% instead.


 35, 11.443,
143.459


 35, 11.443,
143.459

 100, 11.443,
143.459


 25, 11.443,
143.459

 55, 11.443,
143.459


 15, 11.443,
143.459


 65, 11.443,
143.459

 5, 11.443, 143.459

 75, 11.443,
143.459

 0, 11.443, 143.459

 85, 11.443,
143.459

 95, 11.443,
143.459

■ 35, 11.443,
143.459

■ 35, 11.443,
143.459

■ 34, 18.047,
142.757

■ 36, 4.842, 144.078

■ 33, 24.557,
141.954

■ 37, 1.690, 324.483

■ 38, 8.101, 324.991

■ 33, 30.853,
141.050

■ 39, 14.358,
325.378

■ 32, 36.783,
140.058

■ 40, 20.440,
325.706

■ 32, 42.166,
139.015

■ 42, 26.338,
325.987

■ 32, 46.790,
137.994

■ 43, 32.047,
326.229

■ 31, 50.429,
137.095

■ 44, 37.569,
326.438

■ 31, 53.521,

136.260

■ 46, 42.909,
326.619

■ 31, 54.379,
136.015

Harmonies

Complementary

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



35, 11.443, 143.459



32, 11.455, 325.301

Rectangle

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



35, 11.443, 143.459



35, 11.443, 193.459



35, 11.443, 323.459



35, 11.443, 13.459

Sweetspot

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



35, 11.444, 143.459



47, 4.054, 144.213



36, 9.092, 107.948



23, 2.737, 144.188



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



35, 11.444, 143.459



45, 17.177, 143.169



35, 8.044, 161.430



17, 3.679, 143.996



39, 63.260, 136.015



81, 112.455, 136.016

Inverse Universe

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



32, 11.455, 325.301



41, 17.189, 325.518



32, 8.196, 344.092



16, 3.685, 324.856



24, 61.036, 328.230



56, 108.502, 328.230

Previews

White Background



This preview shows how the CIELCh color 35, 11.443, 143.459 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 CIELCh color 35, 11.443, 143.459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

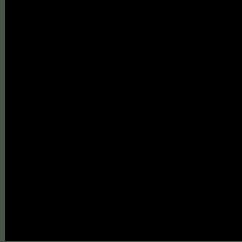
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 11.443, 143.459

Background



This preview shows how black text looks on a background with the CIELCh color 35, 11.443, 143.459.



This preview shows how white text looks on a background with the CIELCh color 35, 11.443, 143.459.

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, 11.443, 143.459

Protanopia

35, 8.386, 92.985

Deuteranopia

35, 7.403, 50.281



Tritanopia
35, 5.433, 242.725

Trichromacy



Original Color
35, 11.443, 143.459

Protanomaly
35, 8.781, 117.535

Deuteranomaly
35, 6.353, 96.843

Tritanomaly
35, 5.181, 184.762

Monochromacy



Original Color
35, 11.443, 143.459

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 3.820, 144.161

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 11.443, 143.459 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(71, 86, 71)` looks like.

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

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

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

Border

The CSS property to change the border of an element to CIELCh 35, 11.443, 143.459 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(71, 86, 71) }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to CIELCh 35, 11.443, 143.459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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