

Converting Colors

CIELCh(35, 11.830, 224.497)

Have a look what the booklet for
CIELCh(35, 11.830, 224.497)
contains.

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Color

CIELCh(35, 11.685, 223.608)

Conversions

Conversions Part 1

Format	Color
Hex	3A575F
RGB	58, 87, 95
RGB Percent	23%, 34%, 37%
CMY	0.7734, 0.6596, 0.6283
CMYK	0.39, 0.08, 0.00, 0.63
HSL	193°, 24%, 30%
HSV	193°, 39%, 37%
XYZ	7.1802, 8.4984, 12.0380
YIQ	79.2410, -19.8520, -3.6600

Conversions

Conversions Part 2

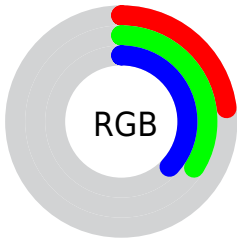
Format	Color
RYB	58, 74, 95
Decimal	3823455
CIELab	35.00, -8.46, -8.06
CIELCh	35, 11.685, 223.608
Yxy	8.4984, 0.2591, 0.3066
Android (android.graphics.Color)	4282013535 (0xFF3A575F)
YUV	79.2410, 7.7692, -18.6284
Hunter-Lab	29.1520, -7.0509, -4.0767

Details

The CIELCh color **35, 11.685, 223.608** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **31, 15.073, 40.907**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 11.601, 221.932**, and **15, 11.664, 222.699** is the 20% darker color. If you saturate the color by 10%, you get **34, 14.094, 224.691**, and if you desaturate by 10%, it is **36, 8.997, 222.780**.

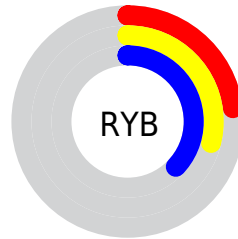
Distribution



Red (23%)

Green (34%)

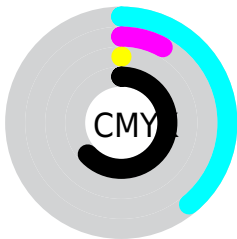
Blue (37%)



Red (23%)

Yellow (29%)

Blue (37%)

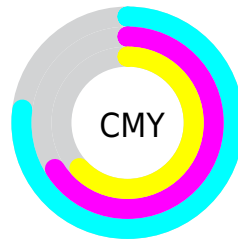


Cyan (39%)

Magenta (8%)

Yellow (0%)

Black (63%)



Cyan (77%)


Magenta (66%)

Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 11.685, 223.608 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, 11.685, 223.608 by changing the saturation by 10% instead.


 35, 11.685,
223.608


 35, 11.685,
223.608

 100, 11.685,
223.608


 25, 11.685,
223.608

 55, 11.685,
223.608


 15, 11.685,
223.608


 65, 11.685,
223.608

 5, 11.685, 223.608

 75, 11.685,
223.608

 0, 11.685, 223.608

 85, 11.685,
223.608

 95, 11.685,
223.608

■ 35, 11.685,
223.608

■ 35, 11.685,
223.608

■ 34, 14.094,
224.691

■ 36, 8.997, 222.780

■ 33, 16.185,
226.097

■ 38, 6.073, 222.172

■ 39, 2.953, 221.768

■ 32, 17.928,
227.888

■ 40, 0.323, 40.367

■ 31, 19.310,
230.135

■ 42, 3.723, 41.030

■ 43, 7.215, 40.932

■ 30, 20.341,
232.906

■ 45, 10.777, 40.871

■ 29, 21.234,
235.856

■ 46, 14.388, 40.853

■ 48, 18.031, 40.871

■ 29, 21.326,
236.129

Harmonies

Complementary

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



35, 11.685, 223.608



31, 15.073, 40.907

Rectangle

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



35, 11.685, 223.608



35, 11.685, 273.608



35, 11.685, 43.608



35, 11.685, 93.608

Sweetspot

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



35, 11.685, 223.605



49, 4.808, 221.877



37, 24.049, 147.628



24, 3.154, 221.904



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



35, 11.685, 223.605



44, 16.720, 224.615



29, 16.966, 279.487



19, 1.869, 221.765



34, 24.070, 237.028



71, 42.442, 239.837

Inverse Universe

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



30, 23.872, 333.502



36, 35.111, 334.137



36, 16.835, 89.075



18, 3.484, 331.585



24, 53.752, 338.568



54, 93.076, 339.380

Previews

White Background



This preview shows how the CIE LCh color 35, 11.685, 223.608 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, 11.685, 223.608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

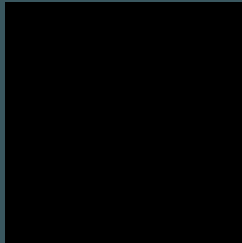
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

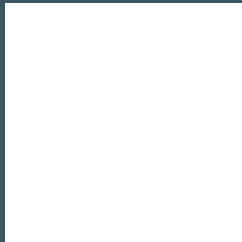
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 35, 11.685, 223.608

Background



This preview shows how black text looks on a background with the CIELCh color 35, 11.685, 223.608.



This preview shows how white text looks on a background with the CIELCh color 35, 11.685, 223.608.

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, 11.685, 223.608

Protanopia

35, 6.254, 291.234

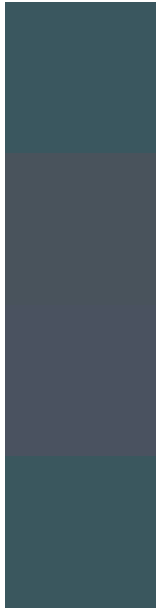
Deuteranopia

35, 10.106, 298.695



Tritanopia
35, 11.515, 220.558

Trichromacy



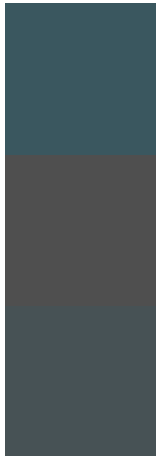
Original Color
35, 11.685, 223.608

Protanomaly
35, 6.797, 255.190

Deuteranomaly
35, 9.207, 271.744

Tritanomaly
35, 11.515, 220.558

Monochromacy



Original Color
35, 11.685, 223.608

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 4.843, 221.804

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 11.685, 223.608 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(58, 87, 95)` looks like.

```
.text, #text, p{  
    color:rgb(58, 87, 95)  
}
```

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(58, 87, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 87, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 11.685, 223.608 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(58, 87, 95) }
```

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

```
.border{ border-color:rgb(58, 87, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 87, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 87, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 87, 95);  
box-shadow:4px 4px 4px 4px rgb(58, 87, 95)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 11.685, 223.608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 87, 95) }
```

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

```
.background{ background-color: rgb(58, 87,  
95) }
```

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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