

Converting Colors

CIELCh(34, 10.777, 191.430)

Have a look what the booklet for
CIELCh(34, 10.777, 191.430)
contains.

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Color

CIELCh(34, 10.796, 191.203)

Conversions

Conversions Part 1

Format	Color
Hex	3A5553
RGB	58, 85, 83
RGB Percent	23%, 33%, 33%
CMY	0.7728, 0.6669, 0.6748
CMYK	0.32, 0.00, 0.02, 0.67
HSL	176°, 19%, 28%
HSV	176°, 32%, 33%
XYZ	6.5437, 8.0082, 9.3717
YIQ	76.6990, -15.4500, -6.3460

Conversions

Conversions Part 2

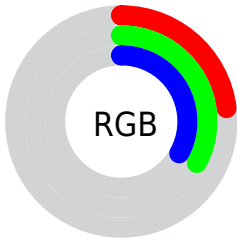
Format	Color
R_{YB}	58, 72, 85
Decimal	3822931
CIE Lab	34.00, -10.59, -2.10
CIE LCh	34, 10.796, 191.203
Yxy	8.0082, 0.2735, 0.3347
Android (android.graphics.Color)	4282013011 (0xFF3A5553)
YUV	76.6990, 3.1064, -16.3990
Hunter-Lab	28.2988, -8.2471, 0.1742

Details

The CIELCh color **34, 10.796, 191.203** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **28, 12.795, 16.110**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 11.068, 189.285**, and **14, 10.999, 189.441** is the 20% darker color. If you saturate the color by 10%, you get **33, 13.727, 190.536**, and if you desaturate by 10%, it is **35, 7.606, 191.868**.

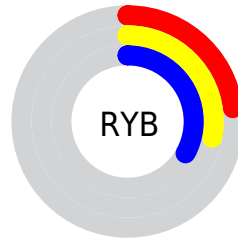
Distribution



Red (23%)

Green (33%)

Blue (33%)



Red (23%)

Yellow (28%)

Blue (33%)

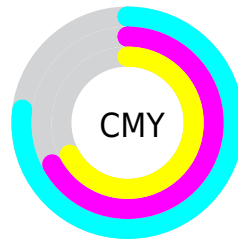


Cyan (32%)

Magenta (0%)

Yellow (2%)

Black (67%)



Cyan (77%)


Magenta (67%)


Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 10.796, 191.203 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 34, 10.796, 191.203 by changing the saturation by 10% instead.


 34, 10.796,
191.203


 34, 10.796,
191.203

 100, 10.796,
191.203


 24, 10.796,
191.203

 54, 10.796,
191.203


 14, 10.796,
191.203


 64, 10.796,
191.203

 4, 10.796, 191.203

 74, 10.796,
191.203

 0, 10.796, 191.203

 84, 10.796,
191.203

 94, 10.796,
191.203

■ 34, 10.796,
191.203

■ 34, 10.796,
191.203

■ 33, 13.727,
190.536

■ 35, 7.606, 191.868

■ 33, 16.347,
189.871

■ 35, 4.208, 192.557

■ 33, 18.614,
189.197

■ 36, 0.648, 193.597

■ 32, 20.493,
188.506

■ 38, 6.784, 14.422

■ 32, 21.965,
187.788

■ 39, 10.585, 15.093

■ 32, 23.059,
187.036

■ 40, 14.407, 15.752

■ 32, 23.907,
186.446

■ 41, 18.229, 16.401

■ 42, 22.034, 17.040

Harmonies

Complementary

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



34, 10.796, 191.203



28, 12.795, 16.110

Rectangle

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



34, 10.796, 191.203



34, 10.796, 241.203



34, 10.796, 11.203



34, 10.796, 61.203

Sweetspot

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



34, 10.796, 191.199



45, 4.420, 192.662



33, 20.113, 140.398



23, 3.035, 192.600



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



34, 10.796, 191.199



43, 15.552, 190.704



30, 9.265, 250.019



17, 2.043, 192.776



40, 28.162, 186.164



84, 50.309, 185.523

Inverse Universe

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



28, 12.795, 16.110



34, 19.279, 17.103



31, 10.476, 62.815



16, 2.135, 13.809



21, 51.017, 33.599



49, 95.171, 37.650

Previews

White Background



This preview shows how the CIELCh color 34, 10.796, 191.203 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 34, 10.796, 191.203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

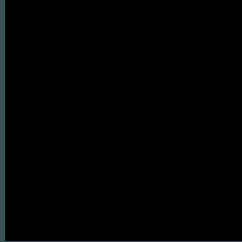
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 10.796, 191.203

Background



This preview shows how black text looks on a background with the CIELCh color 34, 10.796, 191.203.



This preview shows how white text looks on a background with the CIELCh color 34, 10.796, 191.203.

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

34, 10.796, 191.203

Protanopia

34, 1.076, 343.636

Deuteranopia

34, 6.100, 324.890



Tritanopia
34, 10.015, 224.464

Trichromacy



Original Color
34, 10.796, 191.203

Protanomaly
34, 3.366, 199.002

Deuteranomaly
34, 3.231, 250.434

Tritanomaly
34, 9.902, 212.940

Monochromacy



Original Color
34, 10.796, 191.203

Achromatopsia
33, 0.005, 296.813

Achromatomaly
33, 4.271, 190.340

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 10.796, 191.203 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, 85, 83)` looks like.

```
.text, #text, p{  
    color:rgb(58, 85, 83)  
}
```

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, 85, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 85, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 10.796, 191.203 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, 85, 83) }
```

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

```
.border{ border-color:rgb(58, 85, 83) }
```

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

Here you see how a box with a 4 pixel rgb(58, 85, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 85, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 85, 83);  
box-shadow:4px 4px 4px 4px rgb(58, 85, 83)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 10.796, 191.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 85, 83) }
```

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

```
.background{ background-color: rgb(58, 85,  
83) }
```

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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