

Converting Colors

CIELCh(34, 32.828, 156.661)

Have a look what the booklet for
CIELCh(34, 32.828, 156.661)
contains.

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Color

CIELCh(34, 32.686, 156.488)

Conversions

Conversions Part 1

Format	Color
Hex	155B3A
RGB	21, 91, 58
RGB Percent	8%, 36%, 23%
CMY	0.9160, 0.6419, 0.7714
CMYK	0.77, 0.00, 0.36, 0.64
HSL	152°, 62%, 22%
HSV	152°, 77%, 36%
XYZ	4.8571, 8.0082, 5.3311
YIQ	66.3080, -31.1270, -25.1030

Conversions

Conversions Part 2

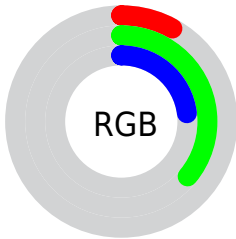
Format	Color
R_{YB}	21, 67, 91
Decimal	1399610
CIE Lab	34.00, -29.97, 13.04
CIE LCh	34, 32.686, 156.488
Yxy	8.0082, 0.2669, 0.4401
Android (android.graphics.Color)	4279589690 (0xFF155B3A)
YUV	66.3080, -4.0958, -39.7351
Hunter-Lab	28.2988, -18.8859, 8.6397

Details

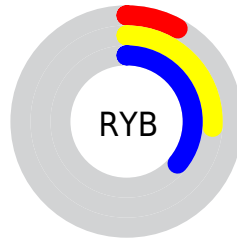
The CIELCh color **34, 32.686, 156.488** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **20, 34.700, 354.858**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 32.798, 156.064**, and **15, 26.976, 147.773** is the 20% darker color. If you saturate the color by 10%, you get **34, 35.742, 154.714**, and if you desaturate by 10%, it is **34, 29.233, 158.079**.

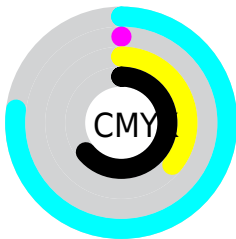
Distribution



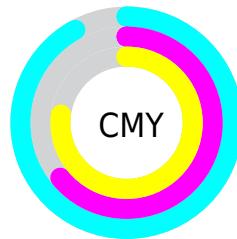
- Red (8%)
- Green (36%)
- Blue (23%)



- Red (8%)
- Yellow (26%)
- Blue (36%)



- Cyan (77%)
- Magenta (0%)
- Yellow (36%)
- Black (64%)



- Cyan (92%)
- Magenta (64%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 32.686, 156.488 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, 32.686, 156.488 by changing the saturation by 10% instead.

 34, 32.686,
156.488

 34, 32.686,
156.488

 100, 32.686,
156.488

 24, 32.686,
156.488

 54, 32.686,
156.488

 14, 32.686,
156.488

 64, 32.686,
156.488

 4, 32.686, 156.488

 74, 32.686,
156.488

 0, 32.686, 156.488

 84, 32.686,
156.488

 94, 32.686,
156.488

■ 34, 32.686,
156.488

■ 34, 32.686,
156.488

■ 34, 35.742,
154.714

■ 34, 29.233,
158.079

■ 34, 38.511,
152.896

■ 35, 25.418,
159.500

■ 33, 39.466,
152.330

■ 35, 21.297,
160.767

■ 36, 16.936,
161.900

■ 37, 12.402,
162.919

■ 37, 7.761, 163.847

■ 38, 3.070, 164.727

■ 39, 1.623, 345.269

Harmonies

Complementary

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



34, 32.686, 156.488



20, 34.700, 354.858

Rectangle

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



34, 32.686, 156.488



34, 32.686, 206.488



34, 32.686, 336.488



34, 32.686, 26.488

Sweetspot

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



34, 32.686, 156.488



48, 13.464, 163.187



35, 42.883, 126.882



24, 9.380, 162.945



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



34, 32.686, 156.488



44, 46.047, 153.071



35, 21.036, 198.711



18, 2.641, 164.523



40, 45.373, 151.761



83, 82.544, 150.172

Inverse Universe

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



20, 34.700, 354.858



25, 46.946, 0.046



20, 36.464, 31.421



17, 2.675, 345.798



22, 45.489, 2.302



51, 79.931, 5.438

Previews

White Background



This preview shows how the CIELCh color 34, 32.686, 156.488 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, 32.686, 156.488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

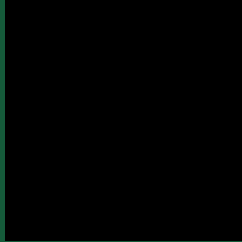
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 32.686, 156.488

Background



This preview shows how black text looks on a background with the CIELCh color 34, 32.686, 156.488.



This preview shows how white text looks on a background with the CIELCh color 34, 32.686, 156.488.

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, 32.686, 156.488

Protanopia

34, 16.972, 97.410

Deuteranopia

34, 12.009, 66.446



Tritanopia
34, 16.851, 212.601

Trichromacy



Original Color
34, 32.686, 156.488

Protanomaly
33, 20.365, 134.943

Deuteranomaly
33, 14.778, 135.098

Tritanomaly
34, 20.700, 182.511

Monochromacy



Original Color
34, 32.686, 156.488

Achromatopsia
28, 0.004, 296.813

Achromatomaly
30, 13.541, 162.841

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 32.686, 156.488 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(21, 91, 58)` looks like.

```
.text, #text, p{  
    color:rgb(21, 91, 58)  
}
```

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(21, 91, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 91, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 32.686, 156.488 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(21, 91, 58) }
```

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

```
.border{ border-color:rgb(21, 91, 58) }
```

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

Here you see how a box with a 4 pixel rgb(21, 91, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 91, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 91, 58);  
box-shadow:4px 4px 4px 4px rgb(21, 91, 58)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 32.686, 156.488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 91, 58) }
```

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

```
.background{ background-color: rgb(21, 91,  
58) }
```

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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