

Converting Colors

CIELCh(34, 27.816, 163.219)

Have a look what the booklet for
CIELCh(34, 27.816, 163.219)
contains.

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Color

CIELCh(34, 27.807, 163.114)

Conversions

Conversions Part 1

Format	Color
Hex	1B5A42
RGB	27, 90, 66
RGB Percent	11%, 35%, 26%
CMY	0.8960, 0.6454, 0.7396
CMYK	0.71, 0.00, 0.27, 0.65
HSL	157°, 55%, 23%
HSV	157°, 71%, 35%
XYZ	5.1261, 8.0082, 6.4911
YIQ	68.4270, -29.8440, -20.8200

Conversions

Conversions Part 2

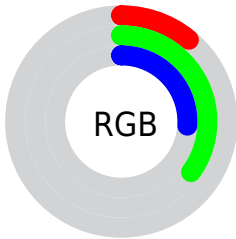
Format	Color
RYB	27, 66, 90
Decimal	1792578
CIELab	34.00, -26.61, 8.08
CIELCh	34, 27.807, 163.114
Yxy	8.0082, 0.2612, 0.4081
Android (android.graphics.Color)	4279982658 (0xFF1B5A42)
YUV	68.4270, -1.1965, -36.3315
Hunter-Lab	28.2988, -17.1890, 6.2093

Details

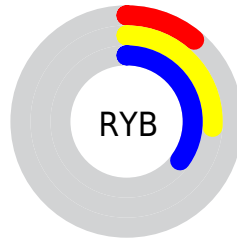
The CIELCh color **34, 27.807, 163.114** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **21, 31.530, 0.618**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 27.899, 162.872**, and **14, 22.454, 156.239** is the 20% darker color. If you saturate the color by 10%, you get **34, 30.641, 161.482**, and if you desaturate by 10%, it is **34, 24.596, 164.578**.

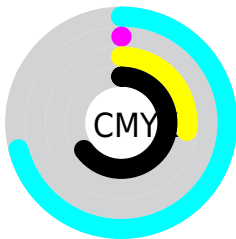
Distribution



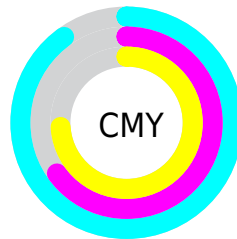
- Red (11%)
- Green (35%)
- Blue (26%)



- Red (11%)
- Yellow (26%)
- Blue (35%)



- Cyan (71%)
- Magenta (0%)
- Yellow (27%)
- Black (65%)




- Cyan (90%)
- Magenta (65%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 27.807, 163.114 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, 27.807, 163.114 by changing the saturation by 10% instead.


 34, 27.807,
163.114


 34, 27.807,
163.114

 100, 27.807,
163.114


 24, 27.807,
163.114

 54, 27.807,
163.114


 14, 27.807,
163.114


 64, 27.807,
163.114

 4, 27.807, 163.114

 74, 27.807,
163.114

 0, 27.807, 163.114

 84, 27.807,
163.114

 94, 27.807,
163.114

■ 34, 27.807,
163.114

■ 34, 27.807,
163.114

■ 34, 30.641,
161.482

■ 34, 24.596,
164.578

■ 33, 33.086,
159.678

■ 35, 21.049,
165.894

■ 33, 35.266,
158.097

■ 35, 17.219,
167.082

■ 36, 13.169,
168.161

■ 37, 8.961, 169.151

■ 37, 4.652, 170.079

■ 38, 0.294, 171.724

■ 39, 4.071, 351.579

■ 40, 8.410, 352.344

Harmonies

Complementary

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



34, 27.807, 163.114



21, 31.530, 0.618

Rectangle

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



34, 27.807, 163.114



34, 27.807, 213.114



34, 27.807, 343.114



34, 27.807, 33.114

Sweetspot

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



34, 27.807, 163.113



47, 11.267, 169.056



34, 41.104, 130.135



23, 7.539, 168.898



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



34, 27.807, 163.113



43, 38.905, 160.230



32, 18.238, 212.279



18, 2.472, 170.248



40, 40.786, 157.507



83, 73.922, 155.938

Inverse Universe

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



21, 31.530, 0.618



25, 44.014, 5.652



22, 31.141, 35.326



17, 2.518, 351.601



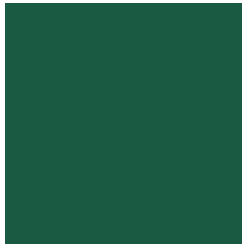
22, 45.508, 11.212



50, 80.910, 14.943

Previews

White Background



This preview shows how the CIELCh color 34, 27.807, 163.114 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, 27.807, 163.114 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, 27.807, 163.114

Background



This preview shows how black text looks on a background with the CIELCh color 34, 27.807, 163.114.



This preview shows how white text looks on a background with the CIELCh color 34, 27.807, 163.114.

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, 27.629, 162.907

Protanopia

34, 12.053, 96.872

Deuteranopia

34, 8.199, 57.450



Tritanopia
34, 16.851, 212.601

Trichromacy



Original Color
34, 27.629, 162.907

Protanomaly
34, 15.862, 141.765

Deuteranomaly
33, 10.766, 143.491

Tritanomaly
34, 19.048, 189.208

Monochromacy



Original Color
34, 27.629, 162.907

Achromatopsia
29, 0.005, 296.813

Achromatomaly
31, 11.370, 167.361

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 27.807, 163.114 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(27, 90, 66)` looks like.

```
.text, #text, p{  
    color:rgb(27, 90, 66)  
}
```

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(27, 90, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 90, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 27.807, 163.114 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(27, 90, 66) }
```

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

```
.border{ border-color:rgb(27, 90, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 90, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 90, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 90, 66);  
box-shadow:4px 4px 4px 4px rgb(27, 90, 66)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 27.807, 163.114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 90, 66) }
```

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

```
.background{ background-color: rgb(27, 90,  
66) }
```

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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