

Converting Colors

CIELCh(35, 31.273, 156.363)

Have a look what the booklet for
CIELCh(35, 31.273, 156.363)
contains.

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Color

CIELCh(35, 31.274, 156.266)

Conversions

Conversions Part 1

Format	Color
Hex	1D5D3D
RGB	29, 93, 61
RGB Percent	11%, 36%, 24%
CMY	0.8847, 0.6339, 0.7595
CMYK	0.68, 0.00, 0.34, 0.63
HSL	150°, 52%, 24%
HSV	150°, 68%, 37%
XYZ	5.3147, 8.4984, 5.8211
YIQ	70.2160, -27.8720, -23.5200

Conversions

Conversions Part 2

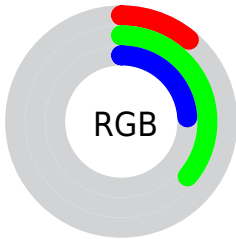
Format	Color
R_{YB}	29, 72, 93
Decimal	1924413
CIE Lab	35.00, -28.63, 12.59
CIE LCh	35, 31.274, 156.266
Yxy	8.4984, 0.2707, 0.4328
Android (android.graphics.Color)	4280114493 (0xFF1D5D3D)
YUV	70.2160, -4.5435, -36.1464
Hunter-Lab	29.1520, -18.4734, 8.5672

Details

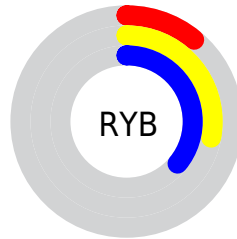
The CIELCh color **35, 31.274, 156.266** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **22, 32.950, 351.283**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 31.210, 156.634**, and **15, 26.861, 149.088** is the 20% darker color. If you saturate the color by 10%, you get **35, 34.833, 154.632**, and if you desaturate by 10%, it is **35, 27.334, 157.723**.

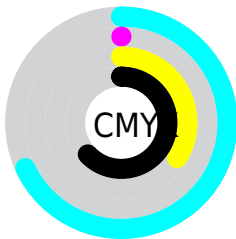
Distribution



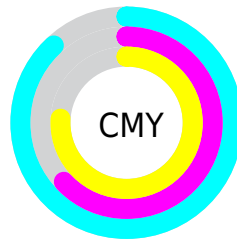
- Red (11%)
- Green (36%)
- Blue (24%)



- Red (11%)
- Yellow (28%)
- Blue (36%)



- Cyan (68%)
- Magenta (0%)
- Yellow (34%)
- Black (63%)





- Cyan (88%)
- Magenta (63%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 31.274, 156.266 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, 31.274, 156.266 by changing the saturation by 10% instead.


 35, 31.274,
156.266


 35, 31.274,
156.266

 100, 31.274,
156.266


 25, 31.274,
156.266

 55, 31.274,
156.266


 15, 31.274,
156.266


 65, 31.274,
156.266

 5, 31.274, 156.266

 75, 31.274,
156.266

 0, 31.274, 156.266

 85, 31.274,
156.266

 95, 31.274,
156.266

■ 35, 31.274,
156.266

■ 35, 31.274,
156.266

■ 35, 34.833,
154.632

■ 35, 27.334,
157.723

■ 34, 37.977,
152.814

■ 36, 23.070,
159.019

■ 34, 40.880,
151.026

■ 37, 18.548,
160.174

■ 34, 41.316,
150.783

■ 37, 13.843,
161.207

■ 38, 9.021, 162.141

■ 39, 4.145, 163.008

■ 40, 0.735, 343.395

■ 41, 5.577, 344.369

■ 42, 10.349,

Harmonies

Complementary

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



35, 31.274, 156.266



22, 32.950, 351.283

Rectangle

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



35, 31.274, 156.266



35, 31.274, 206.266



35, 31.274, 336.266



35, 31.274, 26.266

Sweetspot

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



35, 31.274, 156.266



49, 12.789, 161.854



36, 39.529, 125.768



24, 8.570, 161.695



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, 31.274, 156.266



45, 44.579, 153.541



36, 20.734, 194.919



18, 2.695, 162.981



40, 46.721, 150.289



83, 85.053, 148.707

Inverse Universe

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



22, 32.950, 351.283



27, 45.849, 354.759



21, 32.946, 27.344



17, 2.726, 344.228



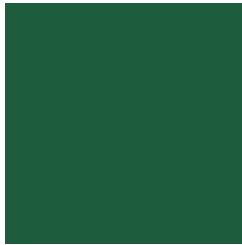
22, 45.725, 359.749



51, 80.136, 2.669

Previews

White Background



This preview shows how the CIELCh color 35, 31.274, 156.266 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, 31.274, 156.266 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, 31.274, 156.266

Background



This preview shows how black text looks on a background with the CIELCh color 35, 31.274, 156.266.



This preview shows how white text looks on a background with the CIELCh color 35, 31.274, 156.266.

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, 31.274, 156.266

Protanopia
35, 16.405, 95.612

Deuteranopia
35, 11.915, 66.542



Tritanopia
35, 16.182, 213.285

Trichromacy



Original Color
35, 31.274, 156.266

Protanomaly
34, 19.325, 133.648

Deuteranomaly
34, 13.563, 131.522

Tritanomaly
35, 19.811, 182.094

Monochromacy



Original Color
35, 31.274, 156.266

Achromatopsia
30, 0.005, 296.813

Achromatomaly
31, 12.518, 160.140

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 31.274, 156.266 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(29, 93, 61)` looks like.

```
.text, #text, p{  
    color:rgb(29, 93, 61)  
}
```

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(29, 93, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 93, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 31.274, 156.266 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(29, 93, 61) }
```

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

```
.border{ border-color:rgb(29, 93, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 93, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 93, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 93, 61);  
box-shadow:4px 4px 4px 4px rgb(29, 93, 61)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 31.274, 156.266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 93, 61) }
```

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

```
.background{ background-color: rgb(29, 93,  
61) }
```

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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