

Converting Colors

CIELCh(30, 34.156, 140.597)

Have a look what the booklet for
CIELCh(30, 34.156, 140.597)
contains.

CIELCh(30, 34.186, 140.655)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(30, 34.186, 140.655)

Conversions

Conversions Part 1

Format	Color
Hex	225023
RGB	34, 80, 35
RGB Percent	13%, 31%, 14%
CMY	0.8658, 0.6854, 0.8620
CMYK	0.57, 0.00, 0.56, 0.69
HSL	121°, 40%, 22%
HSV	121°, 57%, 31%
XYZ	3.8582, 6.2359, 2.6060
YIQ	61.1160, -12.9710, -23.7470

Conversions

Conversions Part 2

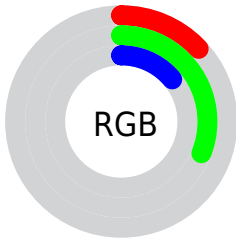
Format	Color
R_{YB}	34, 79, 80
Decimal	2248739
CIE _{Lab}	30.00, -26.44, 21.67
CIE _{LCh}	30, 34.186, 140.655
Yxy	6.2359, 0.3038, 0.4910
Android (android.graphics.Color)	4280438819 (0xFF225023)
YUV	61.1160, -12.8752, -23.7807
Hunter-Lab	24.9718, -16.1217, 11.2929




Details

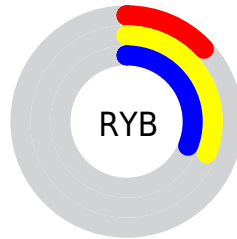
The CIELCh color **30, 34.186, 140.655** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **22, 33.949, 327.753**, and the grayscale version is **26, 0.004, 296.813**.




A 20% lighter version of the original color is **50, 34.215, 140.843**, and **11, 25.980, 143.748** is the 20% darker color. If you saturate the color by 10%, you get **30, 39.265, 139.597**, and if you desaturate by 10%, it is **31, 28.635, 141.649**.

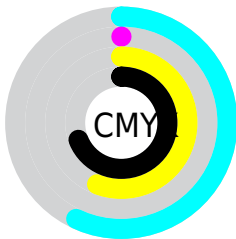
Distribution







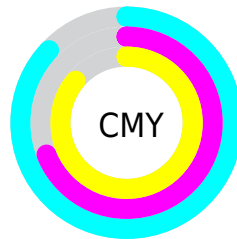
-  Red (13%)
-  Green (31%)
-  Blue (14%)






-  Red (13%)
-  Yellow (31%)
-  Blue (31%)



-  Cyan (57%)
-  Magenta (0%)
-  Yellow (56%)
-  Black (69%)





-  Cyan (87%)
-  Magenta (69%)
-  Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 34.186, 140.655 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 30, 34.186, 140.655 by changing the saturation by 10% instead.


 30, 34.186,
140.655


 30, 34.186,
140.655

 100, 34.186,
140.655


 20, 34.186,
140.655


 50, 34.186,
140.655


 10, 34.186,
140.655

 60, 34.186,
140.655

 0, 34.186, 140.655

 70, 34.186,
140.655

 80, 34.186,
140.655

 90, 34.186,
140.655

■ 30, 34.186,
140.655

■ 30, 34.186,
140.655

■ 30, 39.265,
139.597

■ 31, 28.635,
141.649

■ 29, 43.692,
138.530

■ 31, 22.767,
142.548

■ 29, 47.272,
137.544

■ 32, 16.713,
143.343

■ 29, 50.330,
136.708

■ 33, 10.581,
144.039

■ 29, 51.198,
136.461

■ 33, 4.452, 144.655

■ 34, 1.612, 325.054

■ 35, 7.564, 325.562

■ 37, 13.376,
325.950

■ 38, 19.029,
326.281

Harmonies

Complementary

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



30, 34.186, 140.655



22, 33.949, 327.753

Rectangle

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



30, 34.186, 140.655



30, 34.186, 190.655



30, 34.186, 320.655



30, 34.186, 10.655

Sweetspot

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



30, 34.186, 140.655



42, 12.918, 144.021



33, 27.706, 106.063



21, 8.714, 143.955



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



30, 34.186, 140.655



39, 49.495, 139.151



30, 23.382, 158.956



16, 3.444, 144.571



38, 61.688, 136.351



81, 111.181, 136.145

Inverse Universe

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



22, 33.949, 327.753



27, 48.704, 328.278



21, 24.851, 350.383



15, 3.450, 325.421



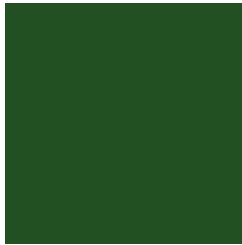
23, 59.070, 329.046



55, 105.817, 329.104

Previews

White Background



This preview shows how the CIELCh color 30, 34.186, 140.655 looks on a white background.

Color Contrast Check

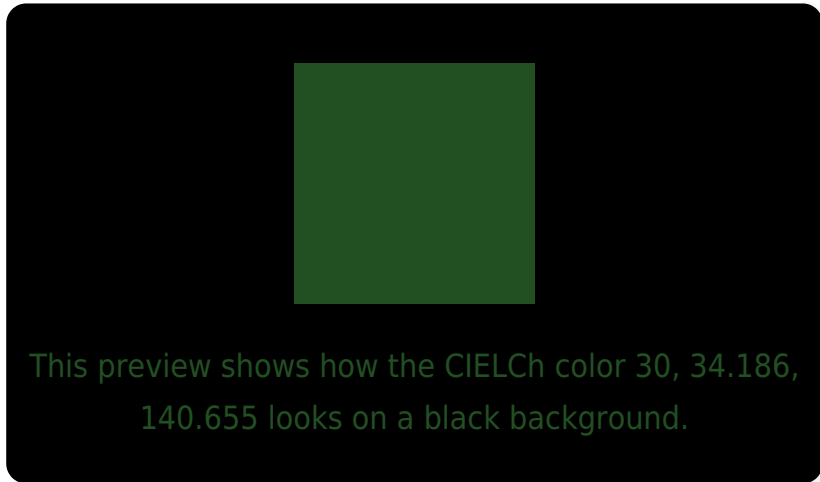
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 30, 34.186, 140.655

Background



This preview shows how black text looks on a background with the CIELCh color 30, 34.186, 140.655.



This preview shows how white text looks on a background with the CIELCh color 30, 34.186, 140.655.

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

30, 34.186, 140.655

Protanopia

30, 24.421, 97.089

Deuteranopia

30, 20.452, 78.297



Tritanopia
30, 11.725, 217.182

Trichromacy



Original Color
30, 34.186, 140.655

Protanomaly
29, 25.893, 118.699

Deuteranomaly
29, 21.339, 112.810

Tritanomaly
30, 16.962, 167.446

Monochromacy



Original Color
30, 34.186, 140.655

Achromatopsia
26, 0.004, 296.813

Achromatomaly
27, 12.981, 144.594

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 34.186, 140.655 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(34, 80, 35)` looks like.

```
.text, #text, p{  
    color:rgb(34, 80, 35)  
}
```

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(34, 80, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 80, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 34.186, 140.655 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(34, 80, 35) }
```

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

```
.border{ border-color:rgb(34, 80, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 80, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 80, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 80, 35);  
box-shadow:4px 4px 4px 4px rgb(34, 80, 35)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 34.186, 140.655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 80, 35) }
```

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

```
.background{ background-color: rgb(34, 80,  
35) }
```

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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