

Converting Colors

CIELCh(34, 53.136, 133.630)

Have a look what the booklet for
CIELCh(34, 53.136, 133.630)
contains.

CIELCh(34, 53.260, 133.745)	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(34, 53.260, 133.745)

Conversions

Conversions Part 1

Format	Color
Hex	1A5D06
RGB	26, 93, 6
RGB Percent	10%, 36%, 2%
CMY	0.8994, 0.6364, 0.9777
CMYK	0.72, 0.00, 0.94, 0.64
HSL	106°, 88%, 19%
HSV	106°, 94%, 36%
XYZ	4.3384, 8.0082, 1.4800
YIQ	63.0490, -12.0050, -41.2610

Conversions

Conversions Part 2

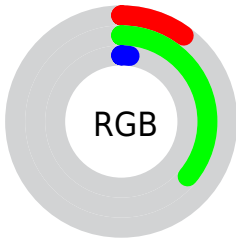
Format	Color
RYB	6, 93, 73
Decimal	1727750
CIELab	34.00, -36.83, 38.48
CIELCh	34, 53.260, 133.745
Yxy	8.0082, 0.3138, 0.5792
Android (android.graphics.Color)	4279917830 (0xFF1A5D06)
YUV	63.0490, -28.1252, -32.4920
Hunter-Lab	28.2988, -22.1574, 16.7084

Details

The CIELCh color **34, 53.260, 133.745** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **17, 54.245, 320.266**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 53.130, 133.927**, and **15, 33.785, 140.203** is the 20% darker color. If you saturate the color by 10%, you get **34, 55.326, 133.507**, and if you desaturate by 10%, it is **34, 49.791, 133.829**.

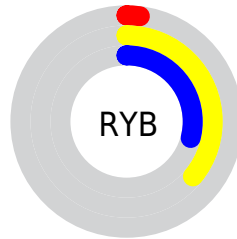
Distribution



Red (10%)

Green (36%)

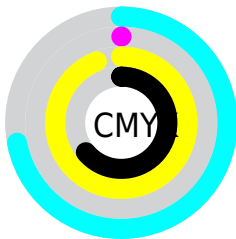
Blue (2%)



Red (2%)

Yellow (36%)

Blue (29%)

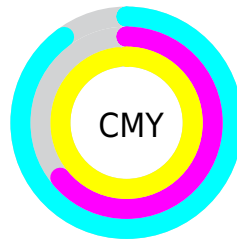


Cyan (72%)

Magenta (0%)

Yellow (94%)

Black (64%)



Cyan (90%)


Magenta (64%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 53.260, 133.745 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, 53.260, 133.745 by changing the saturation by 10% instead.


 34, 53.260,
133.745


 34, 53.260,
133.745

 100, 53.260,
133.745

 24, 53.260,
133.745

 54, 53.260,
133.745


 14, 53.260,
133.745


 64, 53.260,
133.745

 4, 53.260, 133.745

 74, 53.260,
133.745

 0, 53.260, 133.745

 84, 53.260,
133.745

 94, 53.260,
133.745

■ 34, 53.260,
133.745

■ 34, 53.260,
133.745

■ 34, 55.326,
133.507

■ 34, 49.791,
133.829

■ 35, 45.418,
134.109

■ 35, 40.240,
134.578

■ 35, 34.491,
135.142

■ 36, 28.362,
135.734

■ 37, 22.000,
136.312

■ 37, 15.517,
136.853

■ 38, 8.996, 137.348

Harmonies

Complementary

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



34, 53.260, 133.745



17, 54.245, 320.266

Rectangle

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



34, 53.260, 133.745



34, 53.260, 183.745



34, 53.260, 313.745



34, 53.260, 3.745

Sweetspot

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



34, 53.260, 133.746



48, 22.479, 136.589



32, 38.586, 87.035



24, 15.636, 136.426



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, 53.260, 133.746



44, 66.608, 133.865



34, 48.041, 142.431



18, 3.593, 137.582



40, 62.428, 133.752



83, 111.008, 134.440

Inverse Universe

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



17, 54.245, 320.266



22, 67.597, 319.978



20, 44.397, 340.614



17, 3.614, 318.258



20, 63.423, 320.051



47, 112.040, 319.565

Previews

White Background



This preview shows how the CIELCh color 34, 53.260, 133.745 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, 53.260, 133.745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

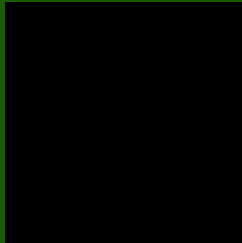
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 53.260, 133.745

Background



This preview shows how black text looks on a background with the CIELCh color 34, 53.260, 133.745.



This preview shows how white text looks on a background with the CIELCh color 34, 53.260, 133.745.

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, 53.260, 133.745

Protanopia

34, 42.142, 95.736

Deuteranopia

34, 35.462, 83.503



Tritanopia
34, 14.893, 214.911

Trichromacy



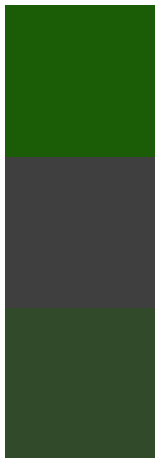
Original Color
34, 53.260, 133.745

Protanomaly
33, 43.998, 114.730

Deuteranomaly
33, 37.834, 110.576

Tritanomaly
33, 26.262, 156.066

Monochromacy



Original Color
34, 53.260, 133.745

Achromatopsia
27, 0.004, 296.813

Achromatomaly
29, 23.290, 136.147

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 53.260, 133.745 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(26, 93, 6)` looks like.

```
.text, #text, p{  
    color:rgb(26, 93, 6)  
}
```

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(26, 93, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 93, 6) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 53.260, 133.745 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(26, 93, 6) }
```

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

```
.border{ border-color:rgb(26, 93, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 93, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 93, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(26, 93, 6); box-shadow:4px  
4px 4px 4px rgb(26, 93, 6) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 53.260, 133.745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 93, 6) }
```

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

```
.background{ background-color: rgb(26, 93,  
6) }
```

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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