

Converting Colors

CIELCh(34, 45.202, 137.912)

Have a look what the booklet for
CIELCh(34, 45.202, 137.912)
contains.

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Color

CIELCh(34, 45.056, 137.979)

Conversions

Conversions Part 1

Format	Color
Hex	1F5C1C
RGB	31, 92, 28
RGB Percent	12%, 36%, 11%
CMY	0.8789, 0.6396, 0.8906
CMYK	0.66, 0.00, 0.70, 0.64
HSL	117°, 53%, 23%
HSV	117°, 70%, 36%
XYZ	4.5874, 8.0082, 2.3961
YIQ	66.4650, -15.8120, -32.8360

Conversions

Conversions Part 2

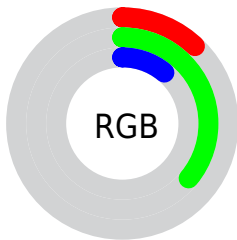
Format	Color
R_{YB}	28, 92, 89
Decimal	2055196
CIE _{Lab}	34.00, -33.47, 30.16
CIE _{LCh}	34, 45.056, 137.979
Yxy	8.0082, 0.3060, 0.5342
Android (android.graphics.Color)	4280245276 (0xFF1F5C1C)
YUV	66.4650, -18.9632, -31.1028
Hunter-Lab	28.2988, -20.5871, 14.7889

Details

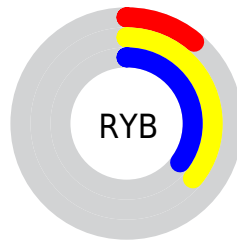
The CIELCh color **34, 45.056, 137.979** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **23, 44.693, 326.129**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 44.958, 137.847**, and **15, 33.177, 140.530** is the 20% darker color. If you saturate the color by 10%, you get **34, 49.711, 137.120**, and if you desaturate by 10%, it is **34, 39.570, 138.907**.

Distribution



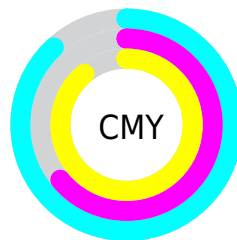
- Red (12%)
- Green (36%)
- Blue (11%)



- Red (11%)
- Yellow (36%)
- Blue (35%)



- Cyan (66%)
- Magenta (0%)
- Yellow (70%)
- Black (64%)





- Cyan (88%)
- Magenta (64%)
- Yellow (89%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 45.056, 137.979 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, 45.056, 137.979 by changing the saturation by 10% instead.


 34, 45.056,
137.979


 34, 45.056,
137.979

 100, 45.056,
137.979


 24, 45.056,
137.979

 54, 45.056,
137.979


 14, 45.056,
137.979


 64, 45.056,
137.979

 4, 45.056, 137.979

 74, 45.056,
137.979

 0, 45.056, 137.979

 84, 45.056,
137.979

 94, 45.056,
137.979

■ 34, 45.056,
137.979

■ 34, 45.056,
137.979

■ 34, 49.711,
137.120

■ 34, 39.570,
138.907

■ 33, 53.291,
136.438

■ 35, 33.483,
139.823

■ 33, 56.369,
135.616

■ 36, 26.993,
140.677

■ 33, 56.486,
135.582

■ 36, 20.261,
141.447

■ 37, 13.416,
142.127

■ 38, 6.554, 142.726

■ 39, 0.248, 322.645

■ 40, 6.940, 323.628

■ 41, 13.484,
324.011

Harmonies

Complementary

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



34, 45.056, 137.979



23, 44.693, 326.129

Rectangle

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



34, 45.056, 137.979



34, 45.056, 187.979



34, 45.056, 317.979



34, 45.056, 7.979

Sweetspot

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



34, 45.056, 137.980



48, 17.861, 141.996



37, 35.090, 101.777



24, 12.188, 141.879



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, 45.056, 137.980



44, 63.145, 136.615



34, 32.718, 153.703



18, 3.804, 142.772



40, 64.009, 135.659



82, 113.156, 135.875

Inverse Universe

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



23, 44.693, 326.129



28, 61.902, 326.427



22, 33.740, 348.255



17, 3.813, 323.594



24, 62.202, 326.492



54, 109.658, 326.380

Previews

White Background



This preview shows how the CIELCh color 34, 45.056, 137.979 looks on a white background.

Color Contrast Check

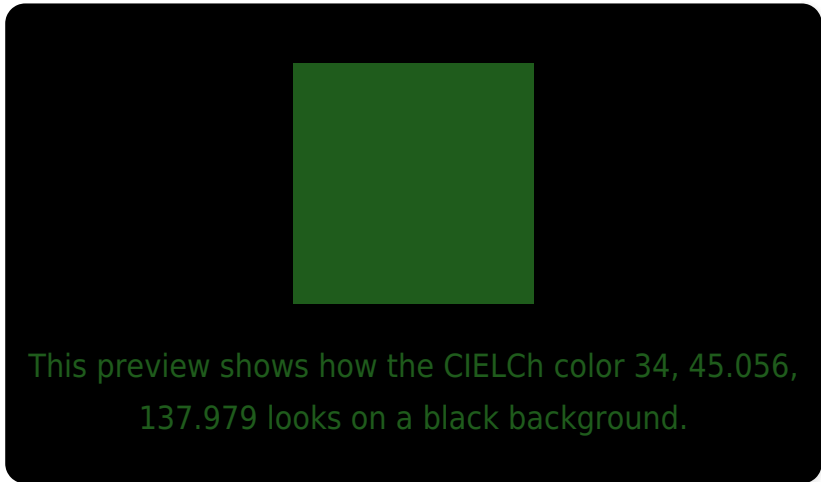
Large Text (above 18pt) WCAG AA ✓ Pass

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 34, 45.056, 137.979

Background



This preview shows how black text looks on a background with the CIELCh color 34, 45.056, 137.979.



This preview shows how white text looks on a background with the CIELCh color 34, 45.056, 137.979.

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, 45.056, 137.979

Protanopia

34, 32.726, 96.348

Deuteranopia

34, 28.534, 81.095



Tritanopia
34, 14.366, 215.627

Trichromacy



Original Color
34, 45.056, 137.979

Protanomaly
33, 34.738, 117.472

Deuteranomaly
33, 30.070, 112.554

Tritanomaly
34, 22.099, 163.832

Monochromacy



Original Color
34, 45.056, 137.979

Achromatopsia
28, 0.004, 296.813

Achromatomaly
30, 17.731, 141.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 45.056, 137.979 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(31, 92, 28)` looks like.

```
.text, #text, p{  
    color:rgb(31, 92, 28)  
}
```

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(31, 92, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 92, 28) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 45.056, 137.979 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(31, 92, 28) }
```

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

```
.border{ border-color:rgb(31, 92, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 92, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 92, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 92, 28);  
box-shadow:4px 4px 4px 4px rgb(31, 92, 28)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 45.056, 137.979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 92, 28) }
```

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

```
.background{ background-color: rgb(31, 92,  
28) }
```

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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