

Converting Colors

CIELCh(34, 37.060, 147.016)

Have a look what the booklet for
CIELCh(34, 37.060, 147.016)
contains.

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Color

CIELCh(34, 37.060, 147.016)

Conversions

Conversions Part 1

Format	Color
Hex	1C5B2E
RGB	28, 91, 46
RGB Percent	11%, 36%, 18%
CMY	0.8883, 0.6415, 0.8181
CMYK	0.69, 0.00, 0.49, 0.64
HSL	137°, 52%, 24%
HSV	137°, 69%, 36%
XYZ	4.7701, 8.0082, 3.9185
YIQ	67.0330, -23.1030, -27.3510

Conversions

Conversions Part 2

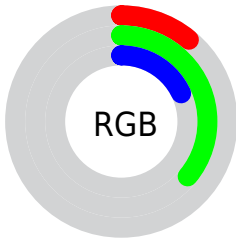
Format	Color
R_{YB}	28, 77, 91
Decimal	1858350
CIE Lab	34.00, -31.09, 20.18
CIE LCh	34, 37.060, 147.016
Yxy	8.0082, 0.2857, 0.4796
Android (android.graphics.Color)	4280048430 (0xFF1C5B2E)
YUV	67.0330, -10.3693, -34.2319
Hunter-Lab	28.2988, -19.4347, 11.5994

Details

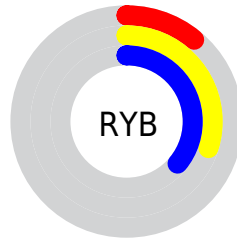
The CIELCh color **34, 37.060, 147.016** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **22, 36.701, 338.790**, and the grayscale version is **29, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 37.049, 147.285**, and **14, 32.564, 140.877** is the 20% darker color. If you saturate the color by 10%, you get **34, 41.375, 145.498**, and if you desaturate by 10%, it is **34, 32.300, 148.379**.

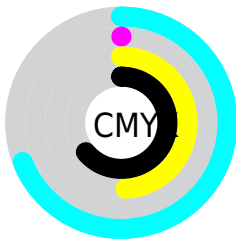
Distribution



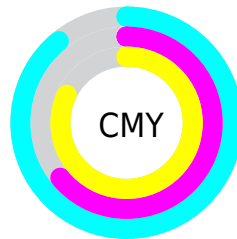
- Red (11%)
- Green (36%)
- Blue (18%)



- Red (11%)
- Yellow (30%)
- Blue (36%)



- Cyan (69%)
- Magenta (0%)
- Yellow (49%)
- Black (64%)





- Cyan (89%)
- Magenta (64%)
- Yellow (82%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 37.060, 147.016 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, 37.060, 147.016 by changing the saturation by 10% instead.


 34, 37.060,
147.016


 34, 37.060,
147.016

 100, 37.060,
147.016


 24, 37.060,
147.016

 54, 37.060,
147.016


 14, 37.060,
147.016


 64, 37.060,
147.016

 4, 37.060, 147.016

 74, 37.060,
147.016

 0, 37.060, 147.016

 84, 37.060,
147.016

 94, 37.060,
147.016

■ 34, 37.060,
147.016

■ 34, 37.060,
147.016

■ 34, 41.375,
145.498

■ 34, 32.300,
148.379

■ 33, 45.168,
143.843

■ 35, 27.182,
149.586

■ 33, 48.574,
142.329

■ 36, 21.803,
150.648

■ 33, 48.956,
142.179

■ 36, 16.252,
151.580

■ 37, 10.615,
152.400

■ 38, 4.961, 153.136

■ 39, 0.654, 333.439

■ 40, 6.185, 334.258

■ 41, 11.603,
334.772

Harmonies

Complementary

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



34, 37.060, 147.016



22, 36.701, 338.790

Rectangle

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



34, 37.060, 147.016



34, 37.060, 197.016



34, 37.060, 327.016



34, 37.060, 17.016

Sweetspot

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



34, 37.060, 147.016



48, 14.797, 152.177



36, 37.146, 117.785



24, 10.095, 152.033



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, 37.060, 147.016



44, 53.306, 144.375



35, 23.684, 175.122



18, 3.156, 153.136



40, 56.248, 141.685



82, 102.233, 140.356

Inverse Universe

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



22, 36.701, 338.790



27, 50.731, 340.621



21, 30.730, 12.505



17, 3.170, 334.168



23, 50.518, 342.813



53, 88.009, 344.066

Previews

White Background



This preview shows how the CIELCh color 34, 37.060, 147.016 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, 37.060, 147.016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

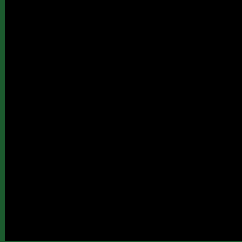
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 37.060, 147.016

Background



This preview shows how black text looks on a background with the CIELCh color 34, 37.060, 147.016.



This preview shows how white text looks on a background with the CIELCh color 34, 37.060, 147.016.

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, 37.060, 147.016

Protanopia

34, 23.607, 96.356

Deuteranopia

34, 19.178, 76.239



Tritanopia
34, 15.150, 214.579

Trichromacy



Original Color
34, 37.060, 147.016

Protanomaly
33, 25.809, 125.212

Deuteranomaly
33, 20.956, 121.029

Tritanomaly
34, 20.262, 174.750

Monochromacy



Original Color
34, 37.060, 147.016

Achromatopsia
28, 0.004, 296.813

Achromatomaly
30, 14.411, 152.298

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 37.060, 147.016 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(28, 91, 46)` looks like.

```
.text, #text, p{  
    color:rgb(28, 91, 46)  
}
```

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(28, 91, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 91, 46) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 37.060, 147.016 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(28, 91, 46) }
```

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

```
.border{ border-color:rgb(28, 91, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 91, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 91, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 91, 46);  
box-shadow:4px 4px 4px 4px rgb(28, 91, 46)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 37.060, 147.016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 91, 46) }
```

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

```
.background{ background-color: rgb(28, 91,  
46) }
```

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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