

Converting Colors

CIELCh(18, 35.336, 354.597)

Have a look what the booklet for
CIELCh(18, 35.336, 354.597)
contains.

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Color

CIELCh(18, 35.348, 354.368)

Conversions

Conversions Part 1

Format	Color
Hex	560E32
RGB	86, 14, 50
RGB Percent	34%, 5%, 20%
CMY	0.6630, 0.9453, 0.8041
CMYK	0.00, 0.84, 0.42, 0.66
HSL	330°, 72%, 20%
HSV	330°, 84%, 34%
XYZ	4.5635, 2.5180, 3.2578
YIQ	39.6320, 31.3560, 26.4600

Conversions

Conversions Part 2

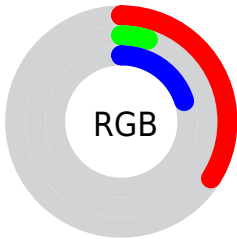
Format	Color
RYB	86, 14, 50
Decimal	5639730
CIELab	18.00, 35.18, -3.47
CIElCh	18, 35.348, 354.368
Yxy	2.5180, 0.4414, 0.2435
Android (android.graphics.Color)	4283829810 (0xFF560E32)
YUV	39.6320, 5.1114, 40.6647
Hunter-Lab	15.8683, 23.5648, -1.0646

Details

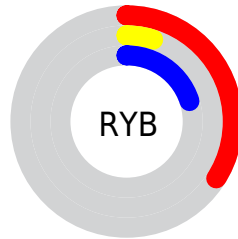
The CIELCh color **18, 35.348, 354.368** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **32, 34.213, 153.901**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 35.279, 354.538**, and **4, 19.370, 18.235** is the 20% darker color. If you saturate the color by 10%, you get **17, 37.359, 356.952**, and if you desaturate by 10%, it is **19, 32.608, 352.180**.

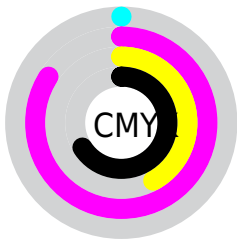
Distribution



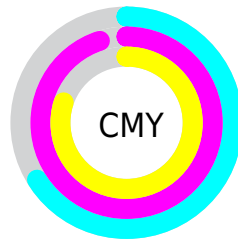
- Red (34%)
- Green (5%)
- Blue (20%)



- Red (34%)
- Yellow (5%)
- Blue (20%)



- Cyan (0%)
- Magenta (84%)
- Yellow (42%)
- Black (66%)





- Cyan (66%)
- Magenta (95%)
- Yellow (80%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 35.348, 354.368 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 18, 35.348, 354.368 by changing the saturation by 10% instead.

 18, 35.348,
354.368


 18, 35.348,
354.368


 100, 35.348,
354.368


 8, 35.348, 354.368


 38, 35.348,
354.368

 0, 35.348, 354.368

 48, 35.348,
354.368


 58, 35.348,
354.368


 68, 35.348,
354.368


 78, 35.348,
354.368


 88, 35.348,


354.368


 98, 35.348,
354.368


 18, 35.348,
354.368


 18, 35.348,
354.368


 17, 37.359,
356.952


 19, 32.608,
352.180

 16, 38.703,
358.469

 21, 29.093,
350.394

 23, 24.999,
348.907

 25, 20.528,
347.641

 28, 15.853,
346.541

■ 30, 11.106,
345.565

■ 33, 6.378, 344.680

■ 36, 1.731, 343.798

■ 38, 2.800, 163.281

Harmonies

Complementary

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



18, 35.348, 354.368



32, 34.213, 153.901

Rectangle

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



18, 35.348, 354.368



18, 35.348, 44.368



18, 35.348, 174.368



18, 35.348, 224.368

Sweetspot

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



18, 35.346, 354.369



39, 14.568, 345.758



13, 48.851, 312.127



18, 9.843, 345.956



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



18, 35.346, 354.369



23, 46.457, 359.928



17, 37.820, 31.216



16, 2.595, 344.257



22, 44.976, 359.693



51, 79.480, 2.710

Inverse Universe

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



18, 35.346, 354.369



23, 46.457, 359.928



33, 21.524, 194.478



16, 2.595, 344.257



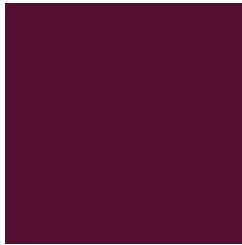
22, 44.976, 359.693



51, 79.480, 2.710

Previews

White Background



This preview shows how the CIE LCh color 18, 35.348, 354.368 looks on a white background.

Color Contrast Check

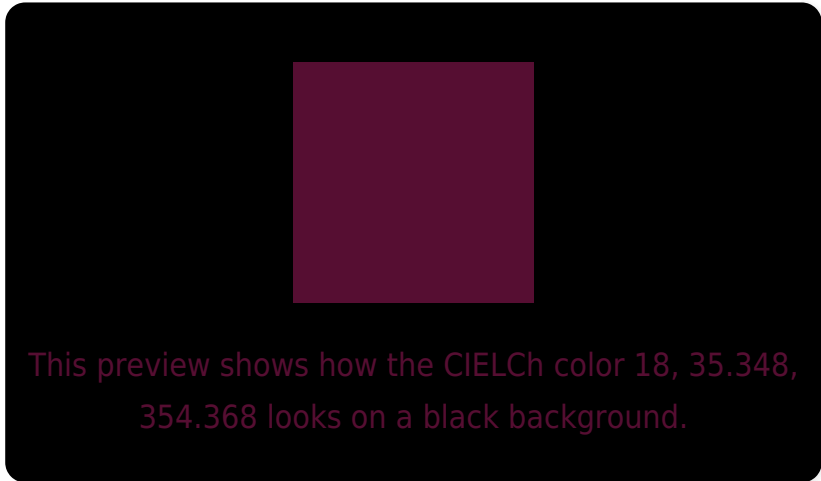
Large Text (above 18pt) WCAG AA ✓ Pass

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

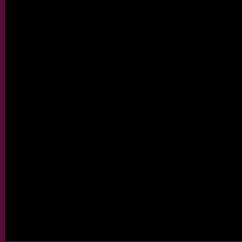
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 18, 35.348, 354.368

Background



This preview shows how black text looks on a background with the CIELCh color 18, 35.348, 354.368.



This preview shows how white text looks on a background with the CIELCh color 18, 35.348, 354.368.

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

18, 35.348, 354.368

Protanopia

19, 15.901, 283.059

Deuteranopia

19, 2.955, 6.660



Tritanopia
18, 32.138, 28.227

Trichromacy



Original Color
18, 35.348, 354.368

Protanomaly
17, 21.256, 318.977

Deuteranomaly
18, 16.601, 351.874

Tritanomaly
18, 31.982, 15.919

Monochromacy



Original Color
18, 35.348, 354.368

Achromatopsia
16, 0.003, 296.813

Achromatomaly
16, 15.195, 347.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 35.348, 354.368 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(86, 14, 50)` looks like.

```
.text, #text, p{  
    color:rgb(86, 14, 50)  
}
```

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(86, 14, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 14, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 35.348, 354.368 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(86, 14, 50) }
```

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

```
.border{ border-color:rgb(86, 14, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 14, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 14, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 14, 50);  
box-shadow:4px 4px 4px 4px rgb(86, 14, 50)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 18, 35.348, 354.368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 14, 50) }
```

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

```
.background{ background-color: rgb(86, 14,  
50) }
```

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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