

Converting Colors

CIELCh(17, 36.168, 354.964)

Have a look what the booklet for
CIELCh(17, 36.168, 354.964)
contains.

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Color

CIELCh(17, 35.937, 355.197)

Conversions

Conversions Part 1

Format	Color
Hex	54092F
RGB	84, 9, 47
RGB Percent	33%, 4%, 18%
CMY	0.6698, 0.9636, 0.8150
CMYK	0.00, 0.89, 0.44, 0.67
HSL	330°, 80%, 18%
HSV	330°, 89%, 33%
XYZ	4.2921, 2.3023, 2.9260
YIQ	35.7570, 32.5020, 27.7180

Conversions

Conversions Part 2

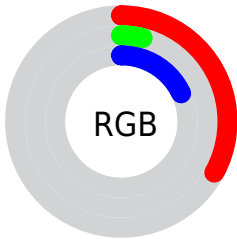
Format	Color
R_{YB}	84, 9, 47
Decimal	5507375
CIE _{Lab}	17.00, 35.81, -3.01
CIE _{LCh}	17, 35.937, 355.197
Yxy	2.3023, 0.4508, 0.2418
Android (android.graphics.Color)	4283697455 (0xFF54092F)
YUV	35.7570, 5.5428, 42.3091
Hunter-Lab	15.1734, 23.9387, -0.8118

Details

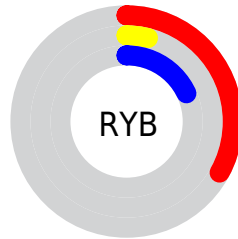
The CIELCh color **17, 35.937, 355.197** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **31, 35.328, 152.712**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 36.250, 354.780**, and **3, 16.126, 17.972** is the 20% darker color. If you saturate the color by 10%, you get **16, 38.006, 357.638**, and if you desaturate by 10%, it is **18, 33.682, 352.811**.

Distribution



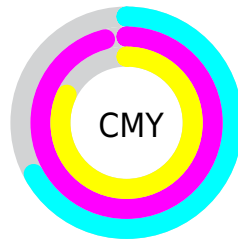
- Red (33%)
- Green (4%)
- Blue (18%)



- Red (33%)
- Yellow (4%)
- Blue (18%)



- Cyan (0%)
- Magenta (89%)
- Yellow (44%)
- Black (67%)





- Cyan (67%)
- Magenta (96%)
- Yellow (82%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 35.937, 355.197 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 17, 35.937, 355.197 by changing the saturation by 10% instead.

 17, 35.937,
355.197


 17, 35.937,
355.197


 100, 35.937,
355.197


 7, 35.937, 355.197


 37, 35.937,
355.197

 0, 35.937, 355.197

 47, 35.937,
355.197


 57, 35.937,
355.197


 67, 35.937,
355.197


 77, 35.937,
355.197

 87, 35.937,


355.197


 97, 35.937,
355.197


 17, 35.937,
355.197


 17, 35.937,
355.197


 16, 38.006,
357.638


 18, 33.682,
352.811

 16, 38.235,
357.869

 20, 30.587,
350.871

 22, 26.818,
349.271

 24, 22.579,
347.921

 26, 18.056,
346.758

■ 28, 13.398,
345.735

■ 31, 8.716, 344.817

■ 33, 4.084, 343.967

■ 36, 0.451, 163.750

Harmonies

Complementary

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



17, 35.937, 355.197



31, 35.328, 152.712

Rectangle

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



17, 35.937, 355.197



17, 35.937, 45.197



17, 35.937, 175.197



17, 35.937, 225.197

Sweetspot

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



17, 35.935, 355.198



38, 15.511, 345.633



12, 50.309, 312.148



18, 10.545, 345.820



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



17, 35.935, 355.198



22, 45.777, 359.313



16, 38.926, 31.731



16, 2.605, 343.952



22, 45.034, 359.194



51, 79.545, 2.166

Inverse Universe

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



17, 35.935, 355.198



22, 45.777, 359.313



32, 21.684, 194.342



16, 2.605, 343.952



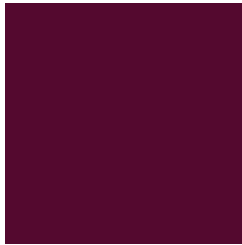
22, 45.034, 359.194



51, 79.545, 2.166

Previews

White Background



This preview shows how the CIELCh color 17, 35.937, 355.197 looks on a white background.

Color Contrast Check

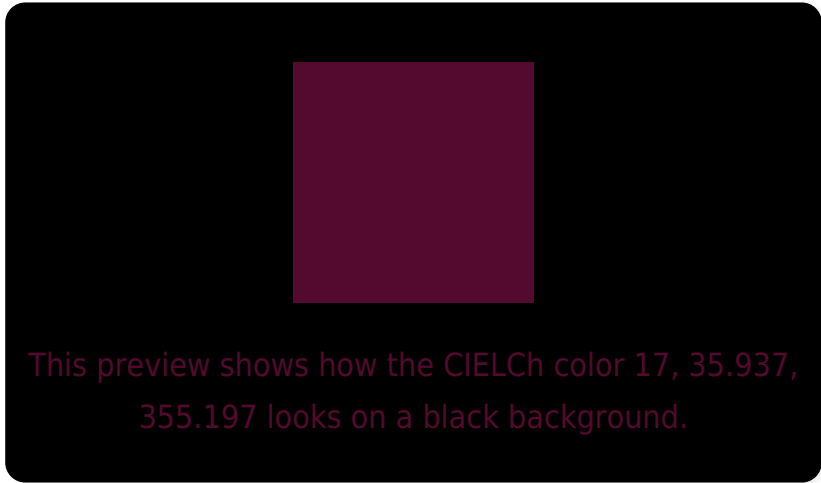
Large Text (above 18pt) WCAG AA ✓ Pass

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

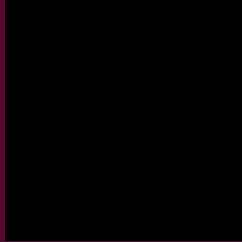
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 35.937, 355.197

Background



This preview shows how black text looks on a background with the CIELCh color 17, 35.937, 355.197.



This preview shows how white text looks on a background with the CIELCh color 17, 35.937, 355.197.

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

17, 35.937, 355.197

Protanopia

18, 15.950, 284.520

Deuteranopia

18, 2.976, 6.694



Tritanopia
17, 33.375, 29.187

Trichromacy



Original Color
17, 35.937, 355.197

Protanomaly
16, 22.290, 320.414

Deuteranomaly
16, 17.382, 351.073

Tritanomaly
17, 32.718, 15.373

Monochromacy



Original Color
17, 35.937, 355.197

Achromatopsia
14, 0.003, 296.813

Achromatomaly
14, 16.457, 348.146

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 35.937, 355.197 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(84, 9, 47)` looks like.

```
.text, #text, p{  
    color:rgb(84, 9, 47)  
}
```

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(84, 9, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 9, 47) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 35.937, 355.197 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(84, 9, 47) }
```

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

```
.border{ border-color:rgb(84, 9, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 9, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 9, 47); -webkit-box-shadow:4px  
4px 4px 4px rgb(84, 9, 47); box-shadow:4px  
4px 4px 4px rgb(84, 9, 47) }
```

Background

The CSS property to change the background color of an element to CIELCh 17, 35.937, 355.197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 9, 47) }
```

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

```
.background{ background-color: rgb(84, 9,  
47) }
```

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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