

Converting Colors

CIELCh(14, 35.664, 355.483)

Have a look what the booklet for
CIELCh(14, 35.664, 355.483)
contains.

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Color

CIELCh(14, 35.738, 354.735)

Conversions

Conversions Part 1

Format	Color
Hex	4C0129
RGB	76, 1, 41
RGB Percent	30%, 0%, 16%
CMY	0.7013, 0.9954, 0.8387
CMYK	0.00, 0.98, 0.46, 0.70
HSL	328°, 97%, 15%
HSV	328°, 98%, 30%
XYZ	3.4093, 1.7298, 2.2649
YIQ	27.9850, 31.8600, 28.3400

Conversions

Conversions Part 2

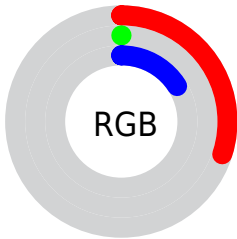
Format	Color
R_{YB}	76, 1, 41
Decimal	4981033
CIE Lab	14.00, 35.59, -3.28
CIE LCh	14, 35.738, 354.735
Yxy	1.7298, 0.4605, 0.2336
Android (android.graphics.Color)	4283171113 (0xFF4C0129)
YUV	27.9850, 6.4164, 42.1092
Hunter-Lab	13.1521, 23.2554, -1.0036

Details

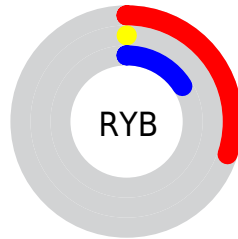
The CIELCh color **14, 35.738, 354.735** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **28, 36.123, 150.161**, and the grayscale version is **10, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 36.103, 354.828**, and **1, 6.850, 19.405** is the 20% darker color. If you saturate the color by 10%, you get **14, 36.093, 355.027**, and if you desaturate by 10%, it is **15, 33.606, 352.670**.

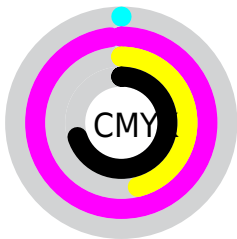
Distribution



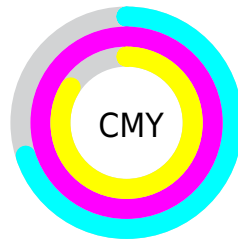
- Red (30%)
- Green (0%)
- Blue (16%)



- Red (30%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (98%)
- Yellow (46%)
- Black (70%)





- Cyan (70%)
- Magenta (100%)
- Yellow (84%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 35.738, 354.735 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 14, 35.738, 354.735 by changing the saturation by 10% instead.

 14, 35.738,
354.735


 14, 35.738,
354.735


 100, 35.738,
354.735


 4, 35.738, 354.735


 34, 35.738,
354.735

 0, 35.738, 354.735

 44, 35.738,
354.735


 54, 35.738,
354.735


 64, 35.738,
354.735


 74, 35.738,
354.735


 84, 35.738,


354.735


 94, 35.738,
354.735


 14, 35.738,
354.735

 14, 35.738,
354.735


 14, 36.093,
355.027

 15, 33.606,
352.670

 16, 31.397,
350.576

 18, 28.436,
348.851

 19, 24.874,
347.409

 21, 20.894,
346.178

■ 23, 16.662,
345.105

■ 26, 12.311,
344.150

■ 28, 7.936, 343.285

■ 30, 3.606, 342.475

Harmonies

Complementary

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



14, 35.738, 354.735



28, 36.123, 150.161

Rectangle

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



14, 35.738, 354.735



14, 35.738, 44.735



14, 35.738, 174.735



14, 35.738, 224.735

Sweetspot

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



14, 35.736, 354.736



33, 16.193, 344.394



8, 51.071, 312.147



15, 11.145, 344.611



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



14, 35.736, 354.736



20, 43.121, 356.463



13, 38.162, 29.840



14, 2.385, 342.491



20, 43.875, 356.586



50, 78.674, 359.509

Inverse Universe

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



14, 35.736, 354.736



20, 43.121, 356.463



29, 21.265, 191.903



14, 2.385, 342.491



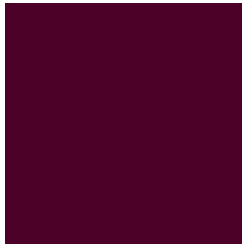
20, 43.875, 356.586



50, 78.674, 359.509

Previews

White Background



This preview shows how the CIE LCh color 14, 35.738, 354.735 looks on a white background.

Color Contrast Check

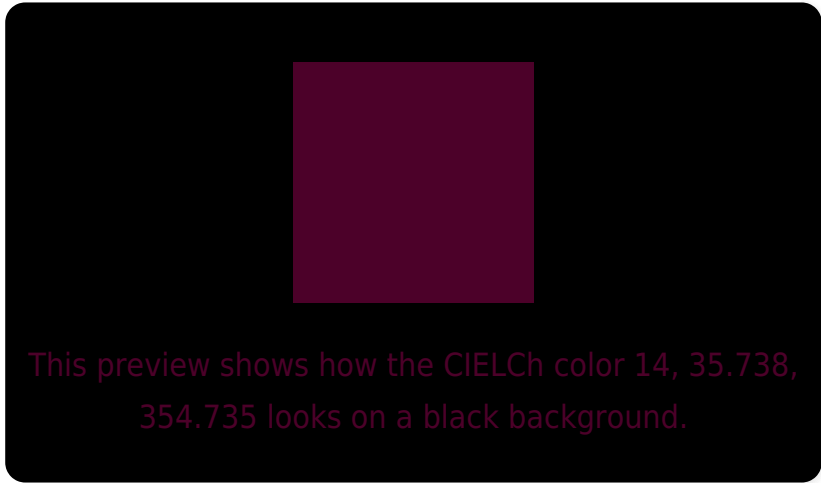
Large Text (above 18pt) WCAG AA ✓ Pass

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

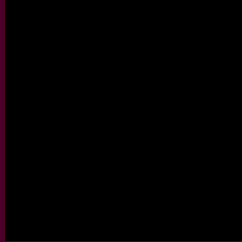
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 35.738, 354.735

Background



This preview shows how black text looks on a background with the CIELCh color 14, 35.738, 354.735.



This preview shows how white text looks on a background with the CIELCh color 14, 35.738, 354.735.

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

14, 35.738, 354.735

Protanopia

16, 14.128, 284.361

Deuteranopia

16, 2.972, 20.056



Tritanopia
15, 31.666, 29.099

Trichromacy



Original Color
14, 35.738, 354.735

Protanomaly
13, 22.163, 322.491

Deuteranomaly
14, 17.619, 351.640

Tritanomaly
14, 31.486, 15.724

Monochromacy



Original Color
14, 35.738, 354.735

Achromatopsia
10, 0.003, 296.813

Achromatomaly
10, 17.082, 346.829

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 35.738, 354.735 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(76, 1, 41)` looks like.

```
.text, #text, p{  
    color:rgb(76, 1, 41)  
}
```

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(76, 1, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 1, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 35.738, 354.735 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(76, 1, 41) }
```

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

```
.border{ border-color:rgb(76, 1, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 1, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 1, 41); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 1, 41); box-shadow:4px  
4px 4px 4px rgb(76, 1, 41) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 35.738, 354.735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 1, 41) }
```

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

```
.background{ background-color: rgb(76, 1,  
41) }
```

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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