

Converting Colors

CIELCh(35, 26.825, 358.368)

Have a look what the booklet for
CIELCh(35, 26.825, 358.368)
contains.

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Color

CIELCh(35, 26.694, 358.740)

Conversions

Conversions Part 1

Format	Color
Hex	794154
RGB	121, 65, 84
RGB Percent	47%, 25%, 33%
CMY	0.5252, 0.7448, 0.6704
CMYK	0.00, 0.46, 0.31, 0.53
HSL	340°, 30%, 36%
HSV	340°, 46%, 47%
XYZ	11.3909, 8.4984, 9.4399
YIQ	83.9100, 27.2770, 17.7810

Conversions

Conversions Part 2

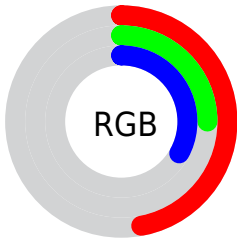
Format	Color
RYB	121, 65, 84
Decimal	7946580
CIELab	35.00, 26.69, -0.59
CIElCh	35, 26.694, 358.740
Yxy	8.4984, 0.3884, 0.2898
Android (android.graphics.Color)	4286136660 (0xFF794154)
YUV	83.9100, 0.0444, 32.5279
Hunter-Lab	29.1520, 18.7316, 1.2074

Details

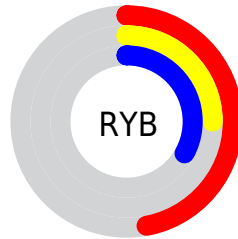
The CIELCh color $[35, 26.694, 358.740]$ is a dark color, and the websafe version is hex `663333`. A complement of this color would be $[47, 23.841, 168.617]$, and the grayscale version is $[36, 0.005, 296.813]$.

A 20% lighter version of the original color is $[55, 26.776, 359.105]$, and $[15, 26.425, 359.265]$ is the 20% darker color. If you saturate the color by 10%, you get $[32, 32.326, 0.601]$, and if you desaturate by 10%, it is $[38, 20.832, 357.206]$.

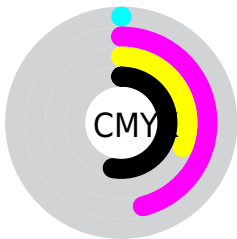
Distribution



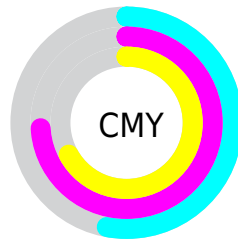
- Red (47%)
- Green (25%)
- Blue (33%)



- Red (47%)
- Yellow (25%)
- Blue (33%)



- Cyan (0%)
- Magenta (46%)
- Yellow (31%)
- Black (53%)





- Cyan (53%)
- Magenta (74%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 26.694, 358.740 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 35, 26.694, 358.740 by changing the saturation by 10% instead.


 35, 26.694,
358.740


 35, 26.694,
358.740

 100, 26.694,
358.740


 25, 26.694,
358.740

 55, 26.694,
358.740


 15, 26.694,
358.740


 65, 26.694,
358.740

 5, 26.694, 358.740

 75, 26.694,
358.740

 0, 26.694, 358.740

 85, 26.694,
358.740

 95, 26.694,
358.740

35, 26.694,
358.740

35, 26.694,
358.740

32, 32.326, 0.601

38, 20.832,
357.206

30, 37.496, 2.895

42, 14.928,
355.908

27, 41.950, 5.765

26, 45.490, 9.368

45, 9.107, 354.785

25, 48.227, 13.682

49, 3.445, 353.758

24, 49.310, 15.251

52, 2.014, 173.154

56, 7.255, 172.270

60, 12.277,
171.558

63, 17.086,
170.918

67, 21.696,

Harmonies

Complementary

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



35, 26.694, 358.740



47, 23.841, 168.617

Rectangle

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



35, 26.694, 358.740



35, 26.694, 48.740



35, 26.694, 178.740



35, 26.694, 228.740

Sweetspot

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



35, 26.692, 358.742



59, 9.725, 354.585



34, 37.267, 316.033



29, 6.697, 354.769



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



35, 26.692, 358.742



42, 39.987, 0.837



37, 23.538, 35.194



24, 3.144, 354.049



25, 50.471, 15.448



53, 86.006, 18.685

Inverse Universe

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



35, 26.692, 358.742



42, 39.987, 0.837



45, 16.855, 215.208



24, 3.144, 354.049



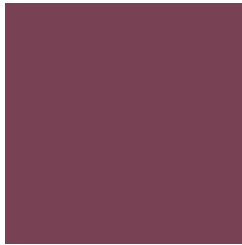
25, 50.471, 15.448



53, 86.006, 18.685

Previews

White Background



This preview shows how the CIE LCh color 35, 26.694, 358.740 looks on a white background.

Color Contrast Check

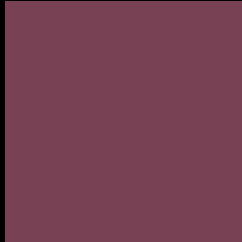
Large Text (above 18pt) WCAG AA ✓ Pass

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 35, 26.694, 358.740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

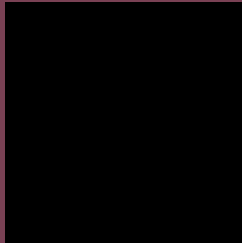
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 26.694, 358.740

Background



This preview shows how black text looks on a background with the CIELCh color 35, 26.694, 358.740.



This preview shows how white text looks on a background with the CIELCh color 35, 26.694, 358.740.

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
35, 26.694, 358.740

Protanopia
35, 7.491, 288.337

Deuteranopia
35, 4.963, 5.637



Tritanopia
35, 24.486, 16.632

Trichromacy



Original Color
35, 26.694, 358.740

Protanomaly
35, 12.182, 335.631

Deuteranomaly
35, 12.825, 358.840

Tritanomaly
35, 24.946, 9.876

Monochromacy



Original Color
35, 26.694, 358.740

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 9.735, 354.477

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 26.694, 358.740 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(121, 65, 84)` looks like.

```
.text, #text, p{  
    color:rgb(121, 65, 84)  
}
```

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(121, 65, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 65, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 26.694, 358.740 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(121, 65, 84) }
```

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

```
.border{ border-color:rgb(121, 65, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 65, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 65, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 65, 84);  
box-shadow:4px 4px 4px 4px rgb(121, 65,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 26.694, 358.740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 65, 84) }
```

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

```
.background{ background-color: rgb(121, 65,  
84) }
```

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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