

Converting Colors

CIELCh(30, 35.494, 15.612)

Have a look what the booklet for
CIELCh(30, 35.494, 15.612) contains.

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Color

CIELCh(30, 35.633, 15.975)

Conversions

Conversions Part 1

Format	Color
Hex	792D39
RGB	121, 45, 57
RGB Percent	47%, 18%, 22%
CMY	0.5255, 0.8235, 0.7765
CMYK	0.00, 0.63, 0.53, 0.53
HSL	351°, 46%, 33%
HSV	351°, 63%, 47%
XYZ	9.5605, 6.2359, 4.5697
YIQ	69.0920, 41.4440, 19.8440

Conversions

Conversions Part 2

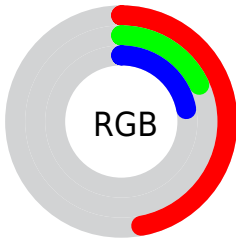
Format	Color
R_{YB}	121, 45, 57
Decimal	7941433
CIE Lab	30.00, 34.26, 9.81
CIE LCh	30, 35.633, 15.975
Yxy	6.2359, 0.4694, 0.3062
Android (android.graphics.Color)	4286131513 (0xFF792D39)
YUV	69.0920, -5.9614, 45.5233
Hunter-Lab	24.9718, 24.6385, 6.6305

Details

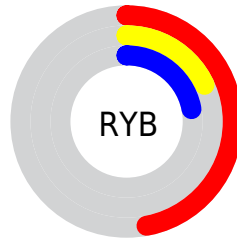
The CIELCh color **30, 35.633, 15.975** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **46, 26.363, 180.773**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **50, 35.513, 16.165**, and **11, 33.587, 19.832** is the 20% darker color. If you saturate the color by 10%, you get **28, 41.193, 19.052**, and if you desaturate by 10%, it is **33, 29.760, 13.525**.

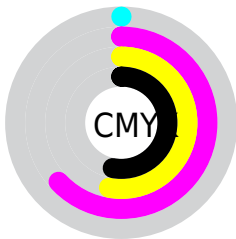
Distribution



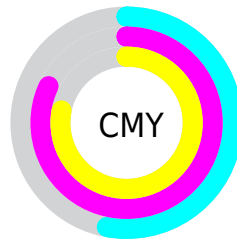
- Red (47%)
- Green (18%)
- Blue (22%)



- Red (47%)
- Yellow (18%)
- Blue (22%)



- Cyan (0%)
- Magenta (63%)
- Yellow (53%)
- Black (53%)



- Cyan (53%)
- Magenta (82%)
- Yellow (78%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 30, 35.633, 15.975 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 30, 35.633, 15.975 by changing the saturation by 10% instead.

 30, 35.633, 15.975

 30, 35.633, 15.975

 100, 35.633,
15.975

 20, 35.633, 15.975

 50, 35.633, 15.975

 10, 35.633, 15.975

 60, 35.633, 15.975

 0, 35.633, 15.975


 70, 35.633, 15.975

 80, 35.633, 15.975

 90, 35.633, 15.975

 30, 35.633, 15.975

 30, 35.633, 15.975

 28, 41.193, 19.052

 33, 29.760, 13.525

26, 46.264, 22.845

36, 23.779, 11.568

25, 50.749, 27.318

39, 17.858, 9.989

24, 53.958, 30.336

43, 12.117, 8.692

46, 6.625, 7.598

50, 1.415, 6.494

54, 3.508, 186.078

57, 8.152, 185.346

61, 12.536,
184.738

Harmonies

Complementary

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



30, 35.633, 15.975



46, 26.363, 180.773

Rectangle

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



30, 35.633, 15.975



30, 35.633, 65.975



30, 35.633, 195.975



30, 35.633, 245.975

Sweetspot

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



30, 35.631, 15.977



57, 12.454, 8.309



31, 50.708, 322.245



28, 8.577, 8.574



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



30, 35.631, 15.977



36, 52.609, 20.504



35, 30.939, 51.901



24, 2.910, 7.221



25, 55.317, 30.530



53, 95.862, 33.478

Inverse Universe

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



30, 35.631, 15.977



36, 52.609, 20.504



38, 21.241, 245.724



24, 2.910, 7.221



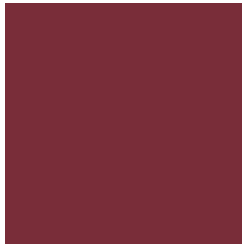
25, 55.317, 30.530



53, 95.862, 33.478

Previews

White Background



This preview shows how the CIELCh color 30, 35.633, 15.975 looks on a white background.

Color Contrast Check

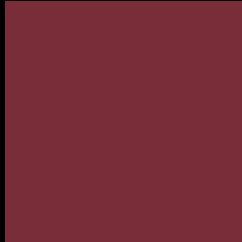
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIE LCh color 30, 35.633, 15.975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

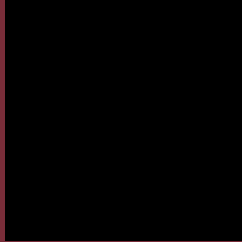
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 35.633, 15.975

Background



This preview shows how black text looks on a background with the CIELCh color 30, 35.633, 15.975.



This preview shows how white text looks on a background with the CIELCh color 30, 35.633, 15.975.

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

30, 35.633, 15.975

Protanopia

30, 1.085, 55.189

Deuteranopia

31, 12.939, 71.130



Tritanopia
30, 36.302, 24.503

Trichromacy



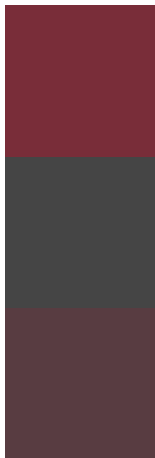
Original Color
30, 35.633, 15.975

Protanomaly
29, 13.125, 13.505

Deuteranomaly
30, 19.206, 33.860

Tritanomaly
30, 35.807, 21.606

Monochromacy



Original Color
30, 35.633, 15.975

Achromatopsia
29, 0.005, 296.813

Achromatomaly
29, 13.298, 8.106

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 35.633, 15.975 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, 45, 57)` looks like.

```
.text, #text, p{  
    color:rgb(121, 45, 57)  
}
```

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, 45, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 45, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 35.633, 15.975 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, 45, 57) }
```

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

```
.border{ border-color:rgb(121, 45, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 45, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 45, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 45, 57);  
box-shadow:4px 4px 4px 4px rgb(121, 45,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 35.633, 15.975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 45, 57) }
```

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

```
.background{ background-color: rgb(121, 45,  
57) }
```

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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