

Converting Colors

CIELCh(34, 31.101, 20.363)

Have a look what the booklet for
CIELCh(34, 31.101, 20.363) contains.

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Color

CIELCh(34, 30.970, 20.799)

Conversions

Conversions Part 1

Format	Color
Hex	7E3C40
RGB	126, 60, 64
RGB Percent	49%, 24%, 25%
CMY	0.5065, 0.7653, 0.7496
CMYK	0.00, 0.52, 0.49, 0.51
HSL	356°, 36%, 36%
HSV	356°, 52%, 49%
XYZ	11.1096, 8.0082, 5.7902
YIQ	80.1900, 38.0520, 15.2360

Conversions

Conversions Part 2

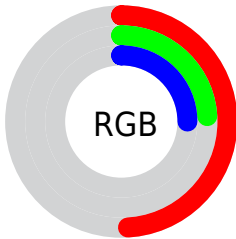
Format	Color
RYB	126, 60, 64
Decimal	8272960
CIELab	34.00, 28.95, 11.00
CIELCh	34, 30.970, 20.799
Yxy	8.0082, 0.4460, 0.3215
Android (android.graphics.Color)	4286463040 (0xFF7E3C40)
YUV	80.1900, -7.9817, 40.1754
Hunter-Lab	28.2988, 20.5532, 7.6779

Details

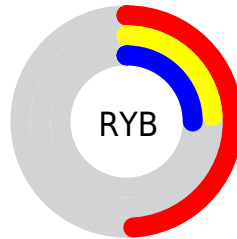
The CIELCh color **34, 30.970, 20.799** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **49, 22.405, 190.979**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 30.854, 20.112**, and **14, 30.899, 20.536** is the 20% darker color. If you saturate the color by 10%, you get **31, 37.514, 23.202**, and if you desaturate by 10%, it is **37, 24.471, 18.911**.

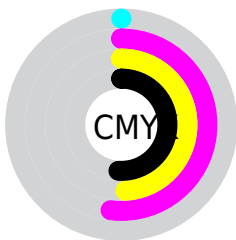
Distribution



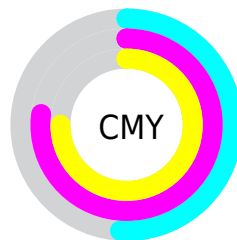
- Red (49%)
- Green (24%)
- Blue (25%)



- Red (49%)
- Yellow (24%)
- Blue (25%)



- Cyan (0%)
- Magenta (52%)
- Yellow (49%)
- Black (51%)



- Cyan (51%)
- Magenta (77%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 30.970, 20.799 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 34, 30.970, 20.799 by changing the saturation by 10% instead.

■ 34, 30.970, 20.799

■ 34, 30.970, 20.799

■ 100, 30.970,
20.799

■ 24, 30.970, 20.799

■ 54, 30.970, 20.799

■ 14, 30.970, 20.799

■ 64, 30.970, 20.799

■ 4, 30.970, 20.799

■ 74, 30.970, 20.799

■ 0, 30.970, 20.799

■ 84, 30.970, 20.799

■ 94, 30.970, 20.799

■ 34, 30.970, 20.799

■ 34, 30.970, 20.799

■ 31, 37.514, 23.202

■ 37, 24.471, 18.911

29, 43.913, 26.205

41, 18.175, 17.418

27, 49.951, 29.823

44, 12.176, 16.228

26, 55.361, 33.825

48, 6.525, 15.252

25, 58.701, 35.801

52, 1.234, 14.226

56, 3.707, 194.006

60, 8.321, 193.414

64, 12.637,
192.946

67, 16.685,
192.549

Harmonies

Complementary

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



34, 30.970, 20.799



49, 22.405, 190.979

Rectangle

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



34, 30.970, 20.799



34, 30.970, 70.799



34, 30.970, 200.799



34, 30.970, 250.799

Sweetspot

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



34, 30.968, 20.802



60, 10.529, 15.617



36, 45.294, 325.035



30, 7.112, 15.776



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



34, 30.968, 20.802



40, 46.945, 23.766



41, 25.526, 62.406



25, 2.957, 14.956



25, 59.339, 35.911



0, 0.000, 0.000

Inverse Universe

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



34, 30.968, 20.802



40, 46.945, 23.766



40, 20.637, 256.999



25, 2.957, 14.956



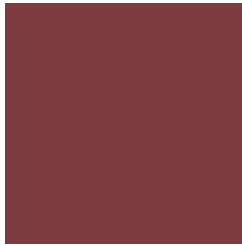
25, 59.339, 35.911



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 34, 30.970, 20.799 looks on a white background.

Color Contrast Check

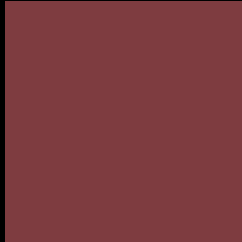
Large Text (above 18pt) WCAG AA ✓ Pass

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 34, 30.970, 20.799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

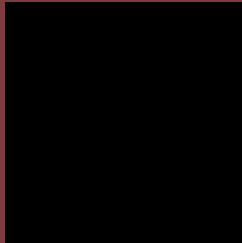
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 30.970, 20.799

Background



This preview shows how black text looks on a background with the CIELCh color 34, 30.970, 20.799.



This preview shows how white text looks on a background with the CIELCh color 34, 30.970, 20.799.

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

34, 30.970, 20.799

Protanopia

34, 4.139, 84.005

Deuteranopia

34, 13.290, 68.202



Tritanopia
34, 30.970, 20.799

Trichromacy



Original Color
34, 30.970, 20.799

Protanomaly
34, 12.216, 29.971

Deuteranomaly
34, 17.906, 39.840

Tritanomaly
34, 30.970, 20.799

Monochromacy



Original Color
34, 30.970, 20.799

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 10.905, 17.887

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 30.970, 20.799 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(126, 60, 64)` looks like.

```
.text, #text, p{  
    color:rgb(126, 60, 64)  
}
```

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(126, 60, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 60, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 30.970, 20.799 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(126, 60, 64) }
```

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

```
.border{ border-color:rgb(126, 60, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 60, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 60, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 60, 64);  
box-shadow:4px 4px 4px 4px rgb(126, 60,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 30.970, 20.799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 60, 64) }
```

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

```
.background{ background-color: rgb(126, 60,  
64) }
```

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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