

Converting Colors

CIELCh(34, 32.098, 79.032)

Have a look what the booklet for
CIELCh(34, 32.098, 79.032) contains.

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Color

CIELCh(34, 32.080, 79.094)

Conversions

Conversions Part 1

Format	Color
Hex	664B1C
RGB	102, 75, 28
RGB Percent	40%, 29%, 11%
CMY	0.5986, 0.7046, 0.8889
CMYK	0.00, 0.26, 0.72, 0.60
HSL	38°, 57%, 26%
HSV	38°, 72%, 40%
XYZ	8.2729, 8.0082, 2.2283
YIQ	77.7150, 31.1790, -8.8930

Conversions

Conversions Part 2

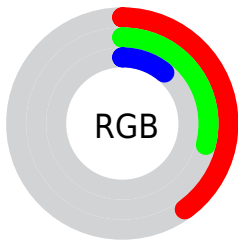
Format	Color
R_{YB}	71, 102, 28
Decimal	6703900
CIE _{Lab}	34.00, 6.07, 31.50
CIE _{LCh}	34, 32.080, 79.094
Yxy	8.0082, 0.4470, 0.4327
Android (android.graphics.Color)	4284893980 (0xFF664B1C)
YUV	77.7150, -24.5095, 21.2979
Hunter-Lab	28.2988, 2.6602, 15.1405

Details

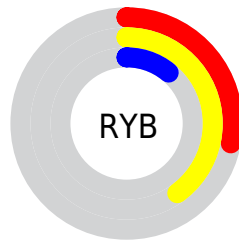
The CIELCh color **34, 32.080, 79.094** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **24, 31.533, 283.221**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 32.380, 79.373**, and **14, 21.819, 71.209** is the 20% darker color. If you saturate the color by 10%, you get **33, 36.101, 77.505**, and if you desaturate by 10%, it is **35, 27.675, 80.551**.

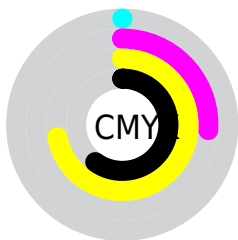
Distribution



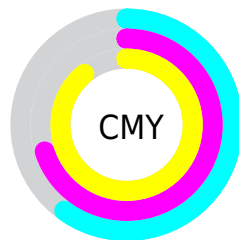
- Red (40%)
- Green (29%)
- Blue (11%)



- Red (28%)
- Yellow (40%)
- Blue (11%)



- Cyan (0%)
- Magenta (26%)
- Yellow (72%)
- Black (60%)



- Cyan (60%)
- Magenta (70%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 32.080, 79.094 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, 32.080, 79.094 by changing the saturation by 10% instead.

■ 34, 32.080, 79.094

■ 34, 32.080, 79.094

■ 100, 32.080,
79.094

■ 24, 32.080, 79.094

■ 54, 32.080, 79.094

■ 14, 32.080, 79.094

■ 64, 32.080, 79.094

■ 4, 32.080, 79.094

■ 74, 32.080, 79.094

■ 0, 32.080, 79.094

■ 84, 32.080, 79.094

■ 94, 32.080, 79.094

■ 34, 32.080, 79.094

■ 34, 32.080, 79.094

■ 33, 36.101, 77.505

■ 35, 27.675, 80.551

32, 39.428, 75.680

36, 23.119, 81.928

31, 42.175, 74.483

38, 18.540, 83.256

39, 14.011, 84.547

40, 9.566, 85.801

42, 5.218, 87.011

43, 0.972, 88.061

44, 3.175, 269.423

46, 7.229, 270.494

Harmonies

Complementary

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



34, 32.080, 79.094



24, 31.533, 283.221

Rectangle

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



34, 32.080, 79.094



34, 32.080, 129.094



34, 32.080, 259.094



34, 32.080, 309.094

Sweetspot

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



34, 32.080, 79.097



52, 11.658, 85.766



24, 35.398, 2.038



26, 7.786, 85.545



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



34, 32.080, 79.097



42, 46.359, 76.225



41, 41.289, 110.719



20, 2.357, 87.408



35, 45.757, 74.064



71, 79.404, 72.062

Inverse Universe

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



24, 31.533, 283.221



27, 47.644, 289.027



17, 50.407, 303.648



20, 2.351, 269.637



20, 49.224, 293.016



43, 90.942, 295.385

Previews

White Background



This preview shows how the CIELCh color 34, 32.080, 79.094 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, 32.080, 79.094 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, 32.080, 79.094

Background



This preview shows how black text looks on a background with the CIELCh color 34, 32.080, 79.094.



This preview shows how white text looks on a background with the CIELCh color 34, 32.080, 79.094.

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, 32.080, 79.094

Protanopia

34, 30.341, 95.222

Deuteranopia

34, 31.792, 81.914



Tritanopia
34, 16.085, 11.098

Trichromacy



Original Color
34, 32.080, 79.094

Protanomaly
34, 30.659, 89.340

Deuteranomaly
34, 32.026, 81.083

Tritanomaly
34, 18.084, 49.765

Monochromacy



Original Color
34, 32.080, 79.094

Achromatopsia
33, 0.005, 296.813

Achromatomaly
33, 11.682, 84.340

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 32.080, 79.094 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(102, 75, 28)` looks like.

```
.text, #text, p{  
    color:rgb(102, 75, 28)  
}
```

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(102, 75, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 75, 28) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 32.080, 79.094 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(102, 75, 28) }
```

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

```
.border{ border-color:rgb(102, 75, 28) }
```

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

Here you see how a box with a 4 pixel rgb(102, 75, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 75, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 75, 28);  
box-shadow:4px 4px 4px 4px rgb(102, 75,  
28) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 32.080, 79.094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 75, 28) }
```

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

```
.background{ background-color: rgb(102, 75,  
28) }
```

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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