

Converting Colors

CIELCh(41, 3.456, 29.808)

Have a look what the booklet for
CIELCh(41, 3.456, 29.808) contains.

CIELCh(41, 3.456, 29.808)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(41, 3.456, 29.808)

Conversions

Conversions Part 1

Format	Color
Hex	675F5E
RGB	103, 95, 94
RGB Percent	40%, 37%, 37%
CMY	0.5963, 0.6276, 0.6315
CMYK	0.00, 0.08, 0.09, 0.60
HSL	7°, 5%, 39%
HSV	7°, 9%, 40%
XYZ	11.6949, 11.8645, 12.2527
YIQ	97.2780, 5.0890, 1.3850

Conversions

Conversions Part 2

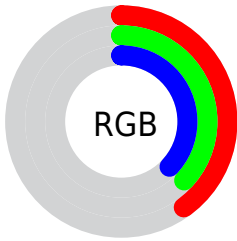
Format	Color
RYB	103, 95, 94
Decimal	6774622
CIELab	41.00, 3.00, 1.72
CIELCh	41, 3.456, 29.808
Yxy	11.8645, 0.3266, 0.3313
Android (android.graphics.Color)	4284964702 (0xFF675F5E)
YUV	97.2780, -1.6161, 5.0182
Hunter-Lab	34.4449, 0.3263, 3.0208

Details

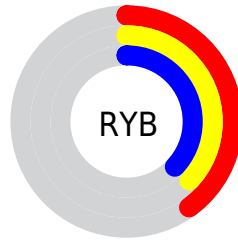
The CIELCh color $41, 3.456, 29.808$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $43, 3.278, 209.754$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 3.578, 28.634$, and $21, 3.422, 31.320$ is the 20% darker color. If you saturate the color by 10%, you get $38, 7.702, 30.185$, and if you desaturate by 10%, it is $44, 0.479, 210.458$.

Distribution



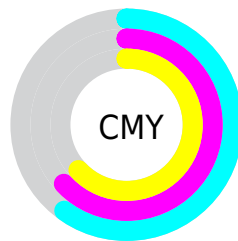
- Red (40%)
- Green (37%)
- Blue (37%)



- Red (40%)
- Yellow (37%)
- Blue (37%)



- Cyan (0%)
- Magenta (8%)
- Yellow (9%)
- Black (60%)



- Cyan (60%)
- Magenta (63%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 3.456, 29.808 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 41, 3.456, 29.808 by changing the saturation by 10% instead.

41, 3.456, 29.808

41, 3.456, 29.808

100, 3.456, 29.808

31, 3.456, 29.808

61, 3.456, 29.808

21, 3.456, 29.808

71, 3.456, 29.808

11, 3.456, 29.808

81, 3.456, 29.808

1, 3.456, 29.808

91, 3.456, 29.808

0, 3.456, 29.808

41, 3.456, 29.808

41, 3.456, 29.808

38, 7.702, 30.185

44, 0.479, 210.458

35, 12.281, 30.651

47, 4.127, 209.727

33, 17.203, 31.299

50, 7.518, 209.657

■ 30, 22.455, 32.186

■ 53, 10.679,
209.661

■ 27, 27.999, 33.362

■ 56, 13.637,
209.710

■ 25, 33.752, 34.865

■ 23, 39.563, 36.681

■ 59, 16.416,
209.788

■ 22, 44.872, 38.212

■ 62, 19.036,
209.889

■ 21, 48.863, 38.951

■ 65, 21.518,
210.005

■ 68, 23.876,
210.131

Harmonies

Complementary

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



41, 3.456, 29.808



43, 3.278, 209.754

Rectangle

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



41, 3.456, 29.808



41, 3.456, 79.808



41, 3.456, 209.808



41, 3.456, 259.808

Sweetspot

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



41, 3.455, 29.829



54, 1.428, 29.524



41, 6.196, 327.716



27, 1.077, 29.588



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



41, 3.455, 29.829



52, 4.895, 29.883



42, 3.580, 84.336



20, 2.203, 29.835



23, 54.342, 39.975



52, 98.815, 41.118

Inverse Universe

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



43, 3.278, 209.754



54, 4.599, 209.726



41, 3.558, 266.552



21, 2.088, 209.751



39, 24.637, 215.554



79, 42.545, 216.884

Previews

White Background



This preview shows how the CIELCh color 41, 3.456, 29.808 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 × Fail

Black Background



This preview shows how the CIE LCh color 41, 3.456, 29.808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

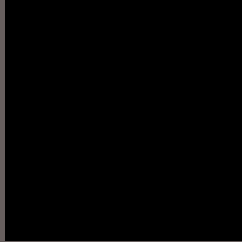
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 3.456, 29.808

Background



This preview shows how black text looks on a background with the CIELCh color 41, 3.456, 29.808.

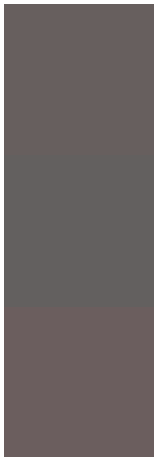


This preview shows how white text looks on a background with the CIELCh color 41, 3.456, 29.808.

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

41, 3.456, 29.808

Protanopia

41, 1.394, 45.026

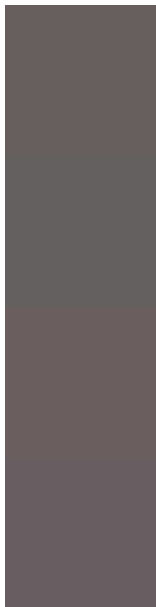
Deuteranopia

41, 5.568, 20.090



Tritanopia
41, 5.967, 334.867

Trichromacy



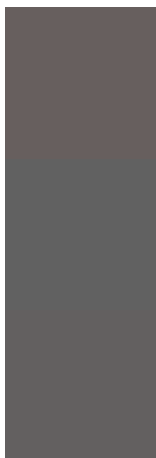
Original Color
41, 3.456, 29.808

Protanomaly
41, 1.787, 39.199

Deuteranomaly
41, 5.132, 20.027

Tritanomaly
41, 4.866, 350.177

Monochromacy



Original Color
41, 3.456, 29.808

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 1.259, 19.313

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 3.456, 29.808 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(103, 95, 94)` looks like.

```
.text, #text, p{  
    color:rgb(103, 95, 94)  
}
```

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(103, 95, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 95, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 3.456, 29.808 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(103, 95, 94) }
```

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

```
.border{ border-color:rgb(103, 95, 94) }
```

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

Here you see how a box with a 4 pixel rgb(103, 95, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 95, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 95, 94);  
box-shadow:4px 4px 4px 4px rgb(103, 95,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 3.456, 29.808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 95, 94) }
```

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

```
.background{ background-color: rgb(103, 95,  
94) }
```

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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