

Converting Colors

CIELCh(40, 29.902, 107.472)

Have a look what the booklet for
CIELCh(40, 29.902, 107.472)
contains.

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Color

CIELCh(40, 29.908, 107.374)

Conversions

Conversions Part 1

Format	Color
Hex	5F612E
RGB	95, 97, 46
RGB Percent	37%, 38%, 18%
CMY	0.6263, 0.6185, 0.8185
CMYK	0.02, 0.00, 0.52, 0.62
HSL	62°, 36%, 28%
HSV	62°, 52%, 38%
XYZ	9.5501, 11.2510, 4.2811
YIQ	90.5880, 15.1790, -16.2850

Conversions

Conversions Part 2

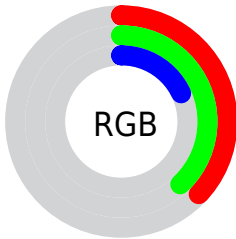
Format	Color
R_{YB}	46, 97, 48
Decimal	6250798
CIE _{Lab}	40.00, -8.93, 28.54
CIE _{LCh}	40, 29.908, 107.374
Yxy	11.2510, 0.3808, 0.4486
Android (android.graphics.Color)	4284440878 (0xFF5F612E)
YUV	90.5880, -21.9819, 3.8693
Hunter-Lab	33.5425, -7.8773, 15.9124

Details

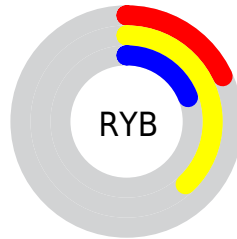
The CIELCh color $40, 29.908, 107.374$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $22, 34.192, 298.245$, and the grayscale version is $39, 0.005, 296.813$.

A 20% lighter version of the original color is $60, 29.887, 106.734$, and $20, 29.377, 108.021$ is the 20% darker color. If you saturate the color by 10%, you get $40, 34.939, 106.666$, and if you desaturate by 10%, it is $40, 24.520, 108.157$.

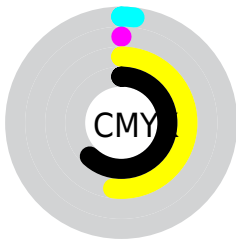
Distribution



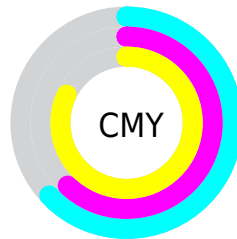
- Red (37%)
- Green (38%)
- Blue (18%)



- Red (18%)
- Yellow (38%)
- Blue (19%)



- Cyan (2%)
- Magenta (0%)
- Yellow (52%)
- Black (62%)





- Cyan (63%)
- Magenta (62%)
- Yellow (82%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 29.908, 107.374 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 40, 29.908, 107.374 by changing the saturation by 10% instead.


 40, 29.908,
107.374


 40, 29.908,
107.374


 100, 29.908,
107.374


 30, 29.908,
107.374

 60, 29.908,
107.374


 20, 29.908,
107.374

 70, 29.908,
107.374

 10, 29.908,
107.374

 80, 29.908,
107.374

 0, 29.908, 107.374

 90, 29.908,
107.374

 40, 29.908,

 40, 29.908,

107.374

■ 40, 34.939,
106.666

■ 40, 39.429,
106.062

■ 40, 43.146,
105.604

■ 40, 45.905,
105.323

■ 40, 47.892,
105.124

107.374

■ 40, 24.520,
108.157

■ 40, 18.904,
108.980

■ 41, 13.148,
109.824

■ 41, 7.310, 110.670

■ 41, 1.432, 111.494

■ 42, 4.462, 292.343

■ 42, 10.353,
293.136

■ 42, 16.226,
293.903

■ 43, 22.073,

Harmonies

Complementary

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



40, 29.908, 107.374



22, 34.192, 298.245

Rectangle

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



40, 29.908, 107.374



40, 29.908, 157.374



40, 29.908, 287.374



40, 29.908, 337.374

Sweetspot

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



40, 29.909, 107.377



53, 11.733, 110.328



26, 24.759, 27.022



27, 7.850, 110.215



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



40, 29.909, 107.377



52, 43.769, 106.504



38, 32.613, 127.974



20, 3.286, 110.970



45, 52.960, 105.162



91, 92.594, 105.307

Inverse Universe

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



22, 34.192, 298.245



25, 52.388, 300.501



25, 34.834, 312.580



18, 3.352, 292.508



11, 72.797, 306.495



30, 127.517, 306.370

Previews

White Background



This preview shows how the CIELCh color 40, 29.908, 107.374 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 CIELCh color 40, 29.908, 107.374 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 40, 29.908, 107.374

Background



This preview shows how black text looks on a background with the CIELCh color 40, 29.908, 107.374.



This preview shows how white text looks on a background with the CIELCh color 40, 29.908, 107.374.

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

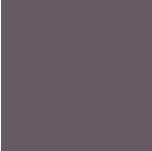
40, 29.908, 107.374

Protanopia

40, 29.377, 96.011

Deuteranopia

40, 28.550, 79.440



Tritanopia
40, 5.704, 331.811

Trichromacy



Original Color
40, 29.908, 107.374

Protanomaly
40, 29.586, 99.878

Deuteranomaly
40, 28.384, 90.830

Tritanomaly
40, 8.774, 94.165

Monochromacy



Original Color
40, 29.908, 107.374

Achromatopsia
39, 0.005, 296.813

Achromatomaly
39, 10.931, 108.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 29.908, 107.374 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(95, 97, 46)` looks like.

```
.text, #text, p{  
    color:rgb(95, 97, 46)  
}
```

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(95, 97, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 97, 46) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 29.908, 107.374 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(95, 97, 46) }
```

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

```
.border{ border-color:rgb(95, 97, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 97, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 97, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 97, 46);  
box-shadow:4px 4px 4px 4px rgb(95, 97, 46)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 40, 29.908, 107.374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 97, 46) }
```

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

```
.background{ background-color: rgb(95, 97,  
46) }
```

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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