

Converting Colors

CIELCh(40, 32.045, 91.895)

Have a look what the booklet for
CIELCh(40, 32.045, 91.895) contains.

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Color

CIELCh(40, 32.079, 91.832)

Conversions

Conversions Part 1

Format	Color
Hex	6C5D28
RGB	108, 93, 40
RGB Percent	42%, 36%, 16%
CMY	0.5751, 0.6340, 0.8419
CMYK	0.00, 0.14, 0.63, 0.58
HSL	47°, 46%, 29%
HSV	47°, 63%, 42%
XYZ	10.5580, 11.2510, 3.6503
YIQ	91.4430, 25.9530, -13.3030

Conversions

Conversions Part 2

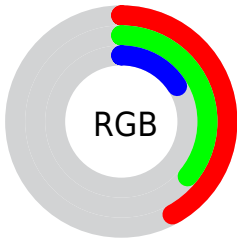
Format	Color
R _Y B	59, 108, 40
Decimal	7101736
CIE Lab	40.00, -1.03, 32.06
CIE LCh	40, 32.079, 91.832
Yxy	11.2510, 0.4147, 0.4419
Android (android.graphics.Color)	4285291816 (0xFF6C5D28)
YUV	91.4430, -25.3614, 14.5205
Hunter-Lab	33.5425, -2.5138, 17.0274

Details

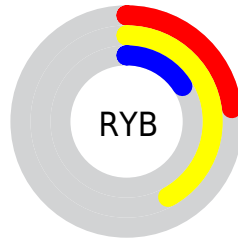
The CIELCh color **40, 32.079, 91.832** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **25, 34.935, 290.007**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 32.189, 92.106**, and **20, 28.247, 89.849** is the 20% darker color. If you saturate the color by 10%, you get **39, 36.587, 90.589**, and if you desaturate by 10%, it is **41, 27.188, 93.056**.

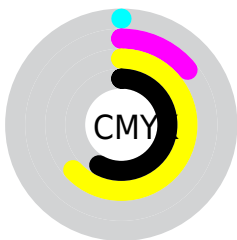
Distribution



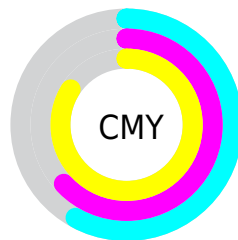
- Red (42%)
- Green (36%)
- Blue (16%)



- Red (23%)
- Yellow (42%)
- Blue (16%)



- Cyan (0%)
- Magenta (14%)
- Yellow (63%)
- Black (58%)



- Cyan (58%)
- Magenta (63%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 40, 32.079, 91.832 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, 32.079, 91.832 by changing the saturation by 10% instead.

40, 32.079, 91.832

40, 32.079, 91.832

100, 32.079,
91.832

30, 32.079, 91.832

60, 32.079, 91.832

20, 32.079, 91.832

70, 32.079, 91.832

10, 32.079, 91.832

80, 32.079, 91.832

0, 32.079, 91.832

90, 32.079, 91.832

40, 32.079, 91.832

40, 32.079, 91.832

39, 36.587, 90.589

41, 27.188, 93.056

38, 40.429, 89.295

42, 22.098, 94.256

■ 38, 43.281, 87.916

■ 43, 16.923, 95.437

■ 37, 45.299, 86.970

■ 44, 11.729, 96.592

■ 45, 6.555, 97.714

■ 45, 1.421, 98.750

■ 47, 3.663, 279.913

■ 48, 8.691, 280.913

■ 49, 13.662,
281.882

Harmonies

Complementary

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



40, 32.079, 91.832



25, 34.935, 290.007

Rectangle

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



40, 32.079, 91.832



40, 32.079, 141.832



40, 32.079, 271.832



40, 32.079, 321.832

Sweetspot

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



40, 32.079, 91.835



56, 12.066, 96.965



27, 32.329, 9.952



29, 8.376, 96.715



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



40, 32.079, 91.835



50, 46.105, 90.052



43, 39.292, 117.185



22, 2.845, 98.132



40, 47.894, 86.806



80, 82.004, 85.699

Inverse Universe

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



25, 34.935, 290.007



28, 52.708, 293.893



22, 45.376, 305.593



21, 2.872, 280.165



16, 62.052, 300.558



36, 112.596, 302.204

Previews

White Background



This preview shows how the CIELCh color 40, 32.079, 91.832 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, 32.079, 91.832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

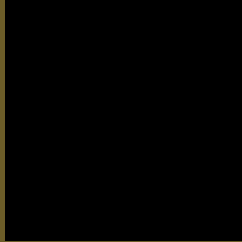
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 32.079, 91.832

Background



This preview shows how black text looks on a background with the CIELCh color 40, 32.079, 91.832.



This preview shows how white text looks on a background with the CIELCh color 40, 32.079, 91.832.

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, 32.079, 91.832

Protanopia

40, 31.987, 96.372

Deuteranopia

40, 32.366, 80.892



Tritanopia
40, 11.337, 2.407

Trichromacy



Original Color
40, 32.079, 91.832

Protanomaly
40, 31.691, 94.500

Deuteranomaly
40, 31.953, 84.429

Tritanomaly
40, 13.851, 64.290

Monochromacy



Original Color
40, 32.079, 91.832

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 11.870, 95.040

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 32.079, 91.832 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(108, 93, 40)` looks like.

```
.text, #text, p{  
    color:rgb(108, 93, 40)  
}
```

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(108, 93, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 93, 40) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 32.079, 91.832 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(108, 93, 40) }
```

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

```
.border{ border-color:rgb(108, 93, 40) }
```

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

Here you see how a box with a 4 pixel rgb(108, 93, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 93, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 93, 40);  
box-shadow:4px 4px 4px 4px rgb(108, 93,  
40) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 32.079, 91.832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 93, 40) }
```

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

```
.background{ background-color: rgb(108, 93,  
40) }
```

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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