

Converting Colors

CIELCh(40, 32.049, 169.136)

Have a look what the booklet for
CIELCh(40, 32.049, 169.136)
contains.

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Color

CIELCh(40, 31.820, 169.552)

Conversions

Conversions Part 1

Format	Color
Hex	0F6B54
RGB	15, 107, 84
RGB Percent	6%, 42%, 33%
CMY	0.9413, 0.5805, 0.6707
CMYK	0.86, 0.00, 0.21, 0.58
HSL	165°, 75%, 24%
HSV	165°, 86%, 42%
XYZ	7.0506, 11.2510, 10.1826
YIQ	76.8700, -47.4490, -26.6570

Conversions

Conversions Part 2

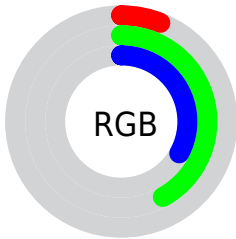
Format	Color
R_{YB}	15, 68, 107
Decimal	1010516
CIE Lab	40.00, -31.29, 5.77
CIE LCh	40, 31.820, 169.552
Yxy	11.2510, 0.2475, 0.3950
Android (android.graphics.Color)	4279200596 (0xFF0F6B54)
YUV	76.8700, 3.5151, -54.2600
Hunter-Lab	33.5425, -21.1788, 5.4808

Details

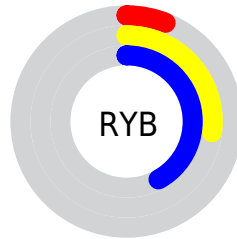
The CIELCh color **40, 31.820, 169.552** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **22, 41.828, 16.337**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **60, 31.508, 169.948**, and **21, 24.721, 162.282** is the 20% darker color. If you saturate the color by 10%, you get **40, 33.694, 167.838**, and if you desaturate by 10%, it is **40, 29.554, 171.150**.

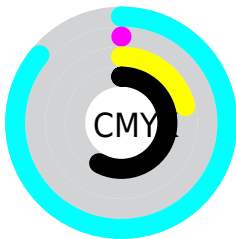
Distribution



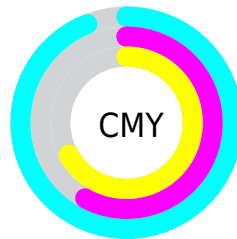
- Red (6%)
- Green (42%)
- Blue (33%)



- Red (6%)
- Yellow (27%)
- Blue (42%)



- Cyan (86%)
- Magenta (0%)
- Yellow (21%)
- Black (58%)





- Cyan (94%)
- Magenta (58%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 31.820, 169.552 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, 31.820, 169.552 by changing the saturation by 10% instead.


 40, 31.820,
169.552


 40, 31.820,
169.552


 100, 31.820,
169.552


 30, 31.820,
169.552

 60, 31.820,
169.552


 20, 31.820,
169.552

 70, 31.820,
169.552


 10, 31.820,
169.552

 80, 31.820,
169.552

 0, 31.820, 169.552

 90, 31.820,
169.552

 40, 31.820,

 40, 31.820,

169.552

169.552

■ 40, 33.694,
167.838

■ 40, 29.554,
171.150

■ 40, 34.433,
167.193

■ 41, 26.811,
172.593

■ 41, 23.615,
173.900

■ 42, 20.009,
175.090

■ 42, 16.056,
176.185

■ 43, 11.824,
177.202

■ 44, 7.384, 178.161

■ 45, 2.800, 179.120

Harmonies

Complementary

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



40, 31.820, 169.552



22, 41.828, 16.337

Rectangle

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



40, 31.820, 169.552



40, 31.820, 219.552



40, 31.820, 349.552



40, 31.820, 39.552

Sweetspot

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



40, 31.820, 169.551



55, 14.740, 177.131



40, 56.256, 133.381



28, 10.024, 176.875



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, 31.820, 169.551



52, 42.182, 166.577



33, 22.274, 238.705



22, 2.612, 178.826



44, 36.880, 166.967



86, 64.624, 165.691

Inverse Universe

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



22, 41.828, 16.337



29, 57.190, 24.081



25, 42.075, 45.378



21, 2.688, 0.249



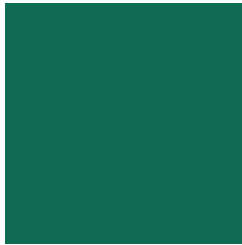
23, 49.927, 22.966



52, 88.026, 26.569

Previews

White Background



This preview shows how the CIELCh color 40, 31.820, 169.552 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, 31.820, 169.552 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, 31.820, 169.552

Background



This preview shows how black text looks on a background with the CIELCh color 40, 31.820, 169.552.



This preview shows how white text looks on a background with the CIELCh color 40, 31.820, 169.552.

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, 31.820, 169.552

Protanopia

40, 10.544, 96.262

Deuteranopia

40, 6.382, 36.658



Tritanopia
40, 21.174, 212.301

Trichromacy



Original Color
40, 31.820, 169.552

Protanomaly
39, 17.398, 155.533

Deuteranomaly
39, 11.990, 167.149

Tritanomaly
40, 23.468, 193.623

Monochromacy



Original Color
40, 31.820, 169.552

Achromatopsia
33, 0.005, 296.813

Achromatomaly
35, 14.458, 177.120

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 31.820, 169.552 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(15, 107, 84)` looks like.

```
.text, #text, p{  
    color:rgb(15, 107, 84)  
}
```

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(15, 107, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 107, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 31.820, 169.552 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(15, 107, 84) }
```

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

```
.border{ border-color:rgb(15, 107, 84) }
```

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

Here you see how a box with a 4 pixel rgb(15, 107, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 107, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 107, 84);  
box-shadow:4px 4px 4px 4px rgb(15, 107,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 31.820, 169.552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 107, 84) }
```

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

```
.background{ background-color: rgb(15, 107,  
84) }
```

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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