

Converting Colors

CIELCh(44, 32.285, 104.503)

Have a look what the booklet for
CIELCh(44, 32.285, 104.503)
contains.

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Color

CIELCh(44, 32.248, 104.659)

Conversions

Conversions Part 1

Format	Color
Hex	6C6B33
RGB	108, 107, 51
RGB Percent	42%, 42%, 20%
CMY	0.5780, 0.5818, 0.8014
CMYK	0.00, 0.01, 0.53, 0.58
HSL	59°, 36%, 31%
HSV	59°, 53%, 42%
XYZ	11.9466, 13.8382, 5.1331
YIQ	100.9150, 18.5720, -17.2040

Conversions

Conversions Part 2

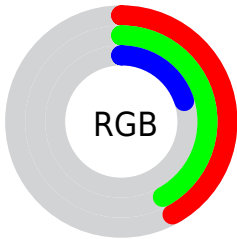
Format	Color
RYB	52, 108, 51
Decimal	7105331
CIELab	44.00, -8.16, 31.20
CIELCh	44, 32.248, 104.659
Yxy	13.8382, 0.3864, 0.4476
Android (android.graphics.Color)	4285295411 (0xFF6C6B33)
YUV	100.9150, -24.6081, 6.2135
Hunter-Lab	37.1997, -7.7750, 17.8585

Details

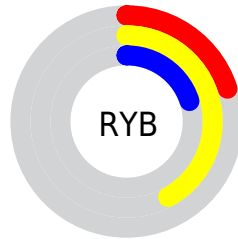
The CIELCh color $44, 32.248, 104.659$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $24, 36.895, 296.854$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 32.227, 104.359$, and $24, 32.211, 104.340$ is the 20% darker color. If you saturate the color by 10%, you get $44, 37.600, 103.855$, and if you desaturate by 10%, it is $44, 26.498, 105.531$.

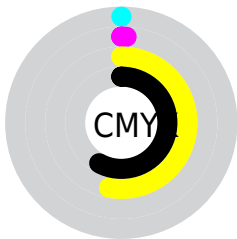
Distribution



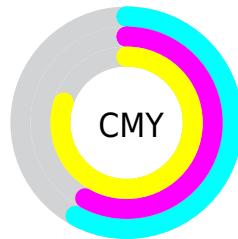
- Red (42%)
- Green (42%)
- Blue (20%)



- Red (20%)
- Yellow (42%)
- Blue (20%)



- Cyan (0%)
- Magenta (1%)
- Yellow (53%)
- Black (58%)



- Cyan (58%)
- Magenta (58%)
- Yellow (80%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 32.248, 104.659 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 44, 32.248, 104.659 by changing the saturation by 10% instead.


 44, 32.248,
104.659


 44, 32.248,
104.659


 100, 32.248,
104.659


 34, 32.248,
104.659

 64, 32.248,
104.659

 24, 32.248,
104.659

 74, 32.248,
104.659

 14, 32.248,
104.659

 84, 32.248,
104.659

 4, 32.248, 104.659

 94, 32.248,
104.659

 0, 32.248, 104.659

 44, 32.248,

 44, 32.248,

104.659

■ 44, 37.600,
103.855

■ 44, 42.339,
103.140

■ 44, 46.201,
102.549

■ 43, 48.955,
102.104

■ 43, 50.733,
101.815

104.659

■ 44, 26.498,
105.531

■ 44, 20.497,
106.439

■ 45, 14.347,
107.365

■ 45, 8.112, 108.293

■ 45, 1.837, 109.195

■ 46, 4.451, 290.133

■ 46, 10.733,
291.005

■ 47, 16.995,
291.849

■ 47, 23.227,

292.660

Harmonies

Complementary

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



44, 32.248, 104.659



24, 36.895, 296.854

Rectangle

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



44, 32.248, 104.659



44, 32.248, 154.659



44, 32.248, 284.659



44, 32.248, 334.659

Sweetspot

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



44, 32.249, 104.662



58, 12.465, 107.968



29, 27.674, 22.727



30, 8.478, 107.828



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



44, 32.249, 104.662



56, 47.186, 103.642



42, 35.082, 125.558



22, 3.512, 108.658



47, 53.934, 101.805



93, 92.742, 101.742

Inverse Universe

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



24, 36.895, 296.854



27, 56.696, 299.502



27, 38.019, 310.582



20, 3.581, 290.366



12, 74.425, 305.931



31, 129.051, 306.141

Previews

White Background



This preview shows how the CIELCh color 44, 32.248, 104.659 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 44, 32.248, 104.659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

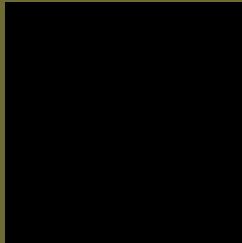
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 32.248, 104.659

Background



This preview shows how black text looks on a background with the CIELCh color 44, 32.248, 104.659.



This preview shows how white text looks on a background with the CIELCh color 44, 32.248, 104.659.

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

44, 32.248, 104.659

Protanopia

44, 31.785, 95.979

Deuteranopia

44, 30.879, 78.976



Tritanopia
44, 7.210, 338.704

Trichromacy



Original Color
44, 32.248, 104.659

Protanomaly
44, 31.982, 99.495

Deuteranomaly
44, 30.762, 88.477

Tritanomaly
44, 9.808, 85.007

Monochromacy



Original Color
44, 32.248, 104.659

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 11.930, 108.418

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 32.248, 104.659 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, 107, 51)` looks like.

```
.text, #text, p{  
    color:rgb(108, 107, 51)  
}
```

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, 107, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 107, 51) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 32.248, 104.659 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, 107, 51) }
```

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

```
.border{ border-color:rgb(108, 107, 51) }
```

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

Here you see how a box with a 4 pixel rgb(108, 107, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 107, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 107, 51);  
box-shadow:4px 4px 4px 4px rgb(108, 107,  
51) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 32.248, 104.659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 107, 51) }
```

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

```
.background{ background-color: rgb(108,  
107, 51) }
```

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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