

Converting Colors

CIELCh(67, 55.051, 95.448)

Have a look what the booklet for
CIELCh(67, 55.051, 95.448) contains.

CIELCh(67, 55.056, 95.406)	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(67, 55.056, 95.406)

Conversions

Conversions Part 1

Format	Color
Hex	B6A33A
RGB	182, 163, 58
RGB Percent	71%, 64%, 23%
CMY	0.2847, 0.3593, 0.7711
CMYK	0.00, 0.10, 0.68, 0.28
HSL	51°, 52%, 47%
HSV	51°, 68%, 72%
XYZ	33.3250, 36.6320, 9.3678
YIQ	156.7110, 45.0290, -28.6270

Conversions

Conversions Part 2

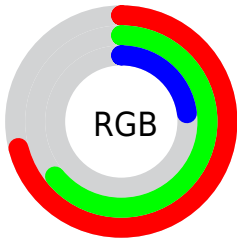
Format	Color
RYB	80, 182, 58
Decimal	11969338
CIELab	67.00, -5.19, 54.81
CIELCh	67, 55.056, 95.406
Yxy	36.6320, 0.4201, 0.4618
Android (android.graphics.Color)	4290159418 (0xFFB6A33A)
YUV	156.7110, -48.6645, 22.1785
Hunter-Lab	60.5244, -7.6346, 33.1903

Details

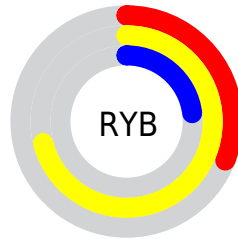
The CIELCh color **67, 55.056, 95.406** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **37, 64.181, 295.556**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 55.084, 95.412**, and **47, 53.311, 95.422** is the 20% darker color. If you saturate the color by 10%, you get **66, 61.047, 94.294**, and if you desaturate by 10%, it is **68, 47.933, 96.539**.

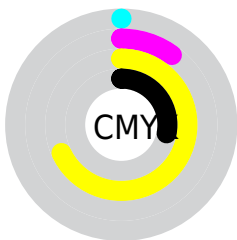
Distribution



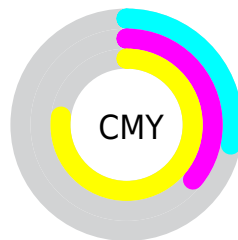
- Red (71%)
- Green (64%)
- Blue (23%)



- Red (31%)
- Yellow (71%)
- Blue (23%)



- Cyan (0%)
- Magenta (10%)
- Yellow (68%)
- Black (28%)



- Cyan (28%)
- Magenta (36%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 55.056, 95.406 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 67, 55.056, 95.406 by changing the saturation by 10% instead.

67, 55.056, 95.406

67, 55.056, 95.406

100, 55.056,
95.406

57, 55.056, 95.406

87, 55.056, 95.406

47, 55.056, 95.406

97, 55.056, 95.406

37, 55.056, 95.406

27, 55.056, 95.406

17, 55.056, 95.406

7, 55.056, 95.406

0, 55.056, 95.406

67, 55.056, 95.406

67, 55.056, 95.406

66, 61.047, 94.294

68, 47.933, 96.539

65, 65.340, 93.181

69, 40.131, 97.682

65, 67.632, 92.043

70, 31.954, 98.829

64, 68.019, 91.816

71, 23.591, 99.971

72, 15.156,
101.095

73, 6.716, 102.188

74, 1.692, 283.350

76, 10.045,
284.322

77, 18.332,
285.308

Harmonies

Complementary

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



67, 55.056, 95.406



37, 64.181, 295.556

Rectangle

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



67, 55.056, 95.406



67, 55.056, 145.406



67, 55.056, 275.406



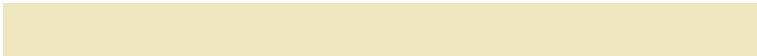
67, 55.056, 325.406

Sweetspot

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



67, 55.056, 95.409



91, 20.857, 100.834



44, 53.767, 17.588



48, 14.348, 100.520



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



67, 55.056, 95.409



83, 77.427, 93.697



69, 64.650, 119.869



38, 4.787, 102.043



56, 60.534, 91.968



8, 12.152, 98.658

Inverse Universe

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



37, 64.181, 295.556



40, 97.683, 299.802



36, 75.270, 307.983



36, 4.856, 284.144



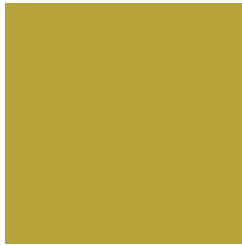
20, 83.847, 303.503



2, 13.664, 285.334

Previews

White Background



This preview shows how the CIELCh color 67, 55.056, 95.406 looks on a white background.

Color Contrast Check

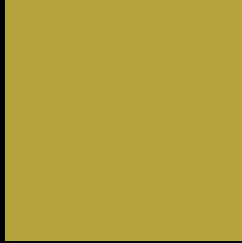
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 67, 55.056, 95.406 looks on a black 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 ✓ Pass

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

CIELCh 67, 55.056, 95.406

Background



This preview shows how black text looks on a background with the CIELCh color 67, 55.056, 95.406.



This preview shows how white text looks on a background with the CIELCh color 67, 55.056, 95.406.

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

67, 55.056, 95.406

Protanopia

67, 55.056, 95.406

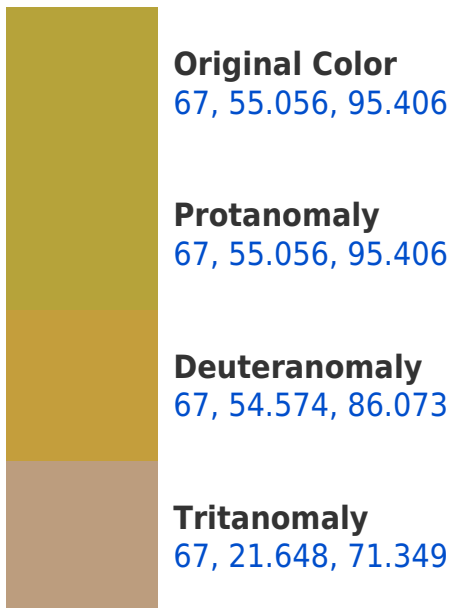
Deuteranopia

67, 54.866, 81.127



Tritanopia
67, 16.107, 356.858

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 55.056, 95.406 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(182, 163, 58)` looks like.

```
.text, #text, p{  
    color:rgb(182, 163, 58)  
}
```

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(182, 163, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 163, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 55.056, 95.406 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(182, 163, 58) }
```

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

```
.border{ border-color:rgb(182, 163, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 163, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 163, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 163, 58);  
box-shadow:4px 4px 4px 4px rgb(182, 163,  
58) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 55.056, 95.406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 163, 58) }
```

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

```
.background{ background-color: rgb(182,  
163, 58) }
```

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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