

Converting Colors

CIELCh(66, 63.557, 95.845)

Have a look what the booklet for
CIELCh(66, 63.557, 95.845) contains.

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Color

CIELCh(66, 63.469, 95.560)

Conversions

Conversions Part 1

Format	Color
Hex	B4A120
RGB	180, 161, 32
RGB Percent	71%, 63%, 13%
CMY	0.2939, 0.3684, 0.8742
CMYK	0.00, 0.11, 0.82, 0.29
HSL	52°, 70%, 42%
HSV	52°, 82%, 71%
XYZ	31.8521, 35.3238, 6.5109
YIQ	151.9750, 52.7330, -36.0910

Conversions

Conversions Part 2

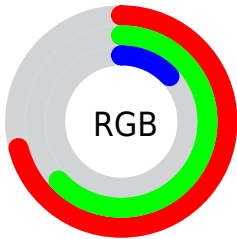
Format	Color
RYB	54, 180, 32
Decimal	11837728
CIELab	66.00, -6.15, 63.17
CIELCh	66, 63.469, 95.560
Yxy	35.3238, 0.4323, 0.4794
Android (android.graphics.Color)	4290027808 (0xFFB4A120)
YUV	151.9750, -59.1477, 24.5779
Hunter-Lab	59.4338, -8.3464, 35.1086

Details

The CIELCh color **66, 63.469, 95.560** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **29, 80.537, 300.393**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 63.186, 95.433**, and **46, 52.580, 95.838** is the 20% darker color. If you saturate the color by 10%, you get **65, 66.850, 94.585**, and if you desaturate by 10%, it is **67, 58.173, 96.570**.

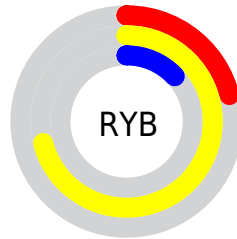
Distribution



Red (71%)

Green (63%)

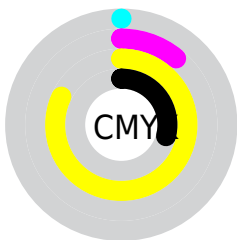
Blue (13%)



Red (21%)

Yellow (71%)

Blue (13%)

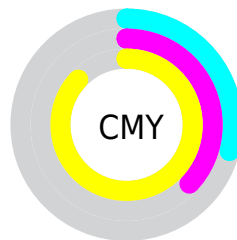


Cyan (0%)

Magenta (11%)

Yellow (82%)

Black (29%)



Cyan (29%)

Magenta (37%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 63.469, 95.560 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 66, 63.469, 95.560 by changing the saturation by 10% instead.

■ 66, 63.469, 95.560

■ 66, 63.469, 95.560

■ 100, 63.469,
95.560

■ 56, 63.469, 95.560

■ 86, 63.469, 95.560

■ 46, 63.469, 95.560

■ 96, 63.469, 95.560

■ 36, 63.469, 95.560

■ 26, 63.469, 95.560

■ 16, 63.469, 95.560

■ 6, 63.469, 95.560

■ 0, 63.469, 95.560

■ 66, 63.469, 95.560

■ 66, 63.469, 95.560

■ 65, 66.850, 94.585

■ 67, 58.173, 96.570

65, 68.350, 93.830

67, 51.494, 97.617

68, 43.928, 98.698

69, 35.842, 99.798

70, 27.472,
100.906

71, 18.966,
102.007

72, 10.410,
103.089

73, 1.857, 104.100

74, 6.662, 285.204

Harmonies

Complementary

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



66, 63.469, 95.560



29, 80.537, 300.393

Rectangle

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



66, 63.469, 95.560



66, 63.469, 145.560



66, 63.469, 275.560



66, 63.469, 325.560

Sweetspot

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



66, 63.469, 95.562



90, 26.493, 101.652



40, 64.035, 25.656



47, 18.051, 101.271



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



66, 63.469, 95.562



82, 83.066, 93.756



67, 73.709, 121.478



37, 4.801, 103.393



56, 60.673, 93.957



7, 10.931, 101.147

Inverse Universe

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



29, 80.537, 300.393



32, 117.764, 304.511



30, 87.947, 309.463



35, 4.877, 285.440



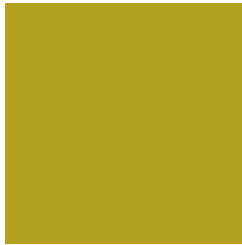
19, 84.557, 304.102



1, 12.019, 285.847

Previews

White Background



This preview shows how the CIELCh color 66, 63.469, 95.560 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 66, 63.469, 95.560 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 66, 63.469, 95.560

Background



This preview shows how black text looks on a background with the CIELCh color 66, 63.469, 95.560.



This preview shows how white text looks on a background with the CIELCh color 66, 63.469, 95.560.

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

66, 63.469, 95.560

Protanopia

66, 63.544, 95.149

Deuteranopia

66, 63.010, 82.122



Tritanopia
66, 16.523, 357.504

Trichromacy



Original Color
66, 63.469, 95.560

Protanomaly
66, 63.544, 95.149

Deuteranomaly
66, 62.735, 86.888

Tritanomaly
66, 25.739, 75.631

Monochromacy



Original Color
66, 63.469, 95.560

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 26.065, 100.740

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 63.469, 95.560 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(180, 161, 32)` looks like.

```
.text, #text, p{  
    color:rgb(180, 161, 32)  
}
```

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(180, 161, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 161, 32) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 63.469, 95.560 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(180, 161, 32) }
```

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

```
.border{ border-color:rgb(180, 161, 32) }
```

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

Here you see how a box with a 4 pixel rgb(180, 161, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 161, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 161, 32);  
box-shadow:4px 4px 4px 4px rgb(180, 161,  
32) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 63.469, 95.560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 161, 32) }
```

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

```
.background{ background-color: rgb(180,  
161, 32) }
```

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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