

Converting Colors

CIELCh(66, 51.151, 95.593)

Have a look what the booklet for
CIELCh(66, 51.151, 95.593) contains.

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Color

CIELCh(66, 51.137, 95.616)

Conversions

Conversions Part 1

Format	Color
Hex	B3A141
RGB	179, 161, 65
RGB Percent	70%, 63%, 25%
CMY	0.2992, 0.3697, 0.7461
CMYK	0.00, 0.10, 0.64, 0.30
HSL	51°, 47%, 48%
HSV	51°, 64%, 70%
XYZ	32.1682, 35.3238, 10.0842
YIQ	155.4380, 41.5440, -26.0400

Conversions

Conversions Part 2

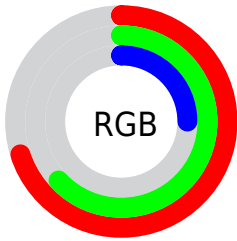
Format	Color
RYB	86, 179, 65
Decimal	11772225
CIELab	66.00, -5.00, 50.89
CIELCh	66, 51.137, 95.616
Yxy	35.3238, 0.4147, 0.4553
Android (android.graphics.Color)	4289962305 (0xFFB3A141)
YUV	155.4380, -44.5859, 20.6639
Hunter-Lab	59.4338, -7.3971, 31.5439

Details

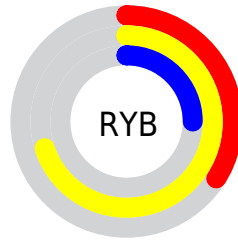
The CIELCh color **66, 51.137, 95.616** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **39, 58.440, 294.205**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 51.266, 95.941**, and **46, 51.227, 95.844** is the 20% darker color. If you saturate the color by 10%, you get **65, 57.571, 94.486**, and if you desaturate by 10%, it is **67, 43.810, 96.764**.

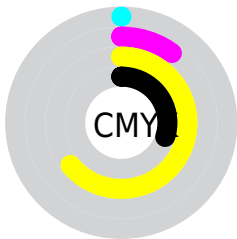
Distribution



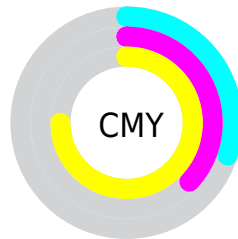
- Red (70%)
- Green (63%)
- Blue (25%)



- Red (34%)
- Yellow (70%)
- Blue (25%)



- Cyan (0%)
- Magenta (10%)
- Yellow (64%)
- Black (30%)



- Cyan (30%)
- Magenta (37%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 51.137, 95.616 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, 51.137, 95.616 by changing the saturation by 10% instead.

■ 66, 51.137, 95.616

■ 66, 51.137, 95.616

■ 100, 51.137,
95.616

■ 56, 51.137, 95.616

■ 86, 51.137, 95.616

■ 46, 51.137, 95.616

■ 96, 51.137, 95.616

■ 36, 51.137, 95.616

■ 26, 51.137, 95.616

■ 16, 51.137, 95.616

■ 6, 51.137, 95.616

■ 0, 51.137, 95.616

■ 66, 51.137, 95.616

■ 66, 51.137, 95.616

■ 65, 57.571, 94.486

■ 67, 43.810, 96.764

64, 62.590, 93.358

68, 35.968, 97.916

63, 65.654, 92.209

69, 27.855, 99.067

63, 66.844, 91.482

70, 19.620,
100.207

71, 11.349,
101.323

72, 3.095, 102.386

74, 5.114, 283.508

75, 13.263,
284.511

76, 21.343,
285.481

Harmonies

Complementary

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



66, 51.137, 95.616



39, 58.440, 294.205

Rectangle

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



66, 51.137, 95.616



66, 51.137, 145.616



66, 51.137, 275.616



66, 51.137, 325.616

Sweetspot

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



66, 51.137, 95.619



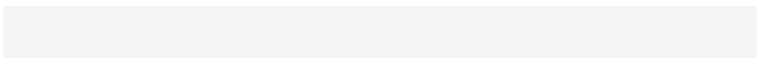
89, 19.381, 100.707



44, 49.688, 16.204



47, 13.451, 100.389



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, 51.137, 95.619



82, 73.022, 93.975



68, 60.372, 119.936



37, 4.656, 101.808



54, 59.672, 91.638



7, 10.471, 98.727

Inverse Universe

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



39, 58.440, 294.205



42, 89.223, 298.197



38, 69.458, 307.658



35, 4.722, 283.908



20, 82.418, 303.354



1, 11.733, 284.725

Previews

White Background



This preview shows how the CIELCh color 66, 51.137, 95.616 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, 51.137, 95.616 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, 51.137, 95.616

Background



This preview shows how black text looks on a background with the CIELCh color 66, 51.137, 95.616.



This preview shows how white text looks on a background with the CIELCh color 66, 51.137, 95.616.

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, 51.137, 95.616

Protanopia

66, 51.137, 95.616

Deuteranopia

66, 51.107, 80.821



Tritanopia
66, 15.230, 357.488

Trichromacy



Original Color
66, 51.137, 95.616

Protanomaly
66, 51.137, 95.616

Deuteranomaly
66, 50.856, 86.142

Tritanomaly
66, 19.806, 70.689

Monochromacy



Original Color
66, 51.137, 95.616

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 19.535, 99.499

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 51.137, 95.616 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(179, 161, 65)` looks like.

```
.text, #text, p{  
    color:rgb(179, 161, 65)  
}
```

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(179, 161, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 161, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 51.137, 95.616 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(179, 161, 65) }
```

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

```
.border{ border-color:rgb(179, 161, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 161, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 161, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 161, 65);  
box-shadow:4px 4px 4px 4px rgb(179, 161,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 51.137, 95.616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 161, 65) }
```

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

```
.background{ background-color: rgb(179,  
161, 65) }
```

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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