

Converting Colors

CIELCh(66, 44.236, 108.321)

Have a look what the booklet for
CIELCh(66, 44.236, 108.321)
contains.

CIELCh(66, 44.207, 108.343)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(66, 44.207, 108.343)

Conversions

Conversions Part 1

Format	Color
Hex	A1A653
RGB	161, 166, 83
RGB Percent	63%, 65%, 33%
CMY	0.3699, 0.3502, 0.6756
CMYK	0.03, 0.00, 0.50, 0.35
HSL	64°, 33%, 49%
HSV	64°, 50%, 65%
XYZ	29.7637, 35.3238, 13.3743
YIQ	155.0430, 23.6630, -26.8730

Conversions

Conversions Part 2

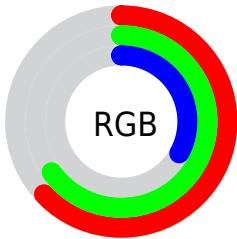
Format	Color
RYB	83, 166, 88
Decimal	10593875
CIELab	66.00, -13.91, 41.96
CIELCh	66, 44.207, 108.343
Yxy	35.3238, 0.3793, 0.4502
Android (android.graphics.Color)	4288783955 (0xFFA1A653)
YUV	155.0430, -35.5172, 5.2243
Hunter-Lab	59.4338, -14.6188, 28.2617

Details

The CIELCh color **66, 44.207, 108.343** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **39, 50.563, 298.863**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 44.017, 108.540**, and **46, 44.181, 108.429** is the 20% darker color. If you saturate the color by 10%, you get **66, 51.954, 107.639**, and if you desaturate by 10%, it is **66, 35.869, 109.136**.

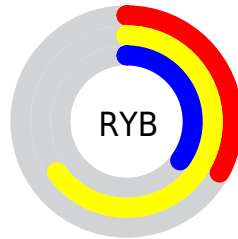
Distribution



Red (63%)

Green (65%)

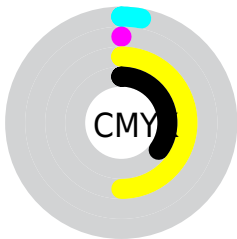
Blue (33%)



Red (33%)

Yellow (65%)

Blue (35%)

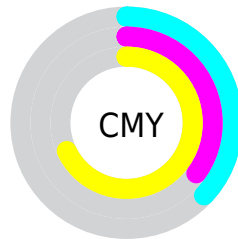


Cyan (3%)

Magenta (0%)

Yellow (50%)

Black (35%)



Cyan (37%)

Magenta (35%)

Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 44.207, 108.343 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, 44.207, 108.343 by changing the saturation by 10% instead.


 66, 44.207,
108.343


 66, 44.207,
108.343

 100, 44.207,
108.343


 56, 44.207,
108.343


 86, 44.207,
108.343

 46, 44.207,
108.343

 96, 44.207,
108.343

 36, 44.207,
108.343

 26, 44.207,
108.343

 16, 44.207,
108.343

 6, 44.207, 108.343

 0, 44.207, 108.343

66, 44.207,
108.343

66, 44.207,
108.343

66, 51.954,
107.639

66, 35.869,
109.136

66, 58.786,
107.060

67, 27.160,
109.974

65, 64.301,
106.664

67, 18.230,
110.834

65, 68.105,
106.502

67, 9.178, 111.694

65, 70.372,
106.544

68, 0.066, 112.008

69, 9.061, 293.381

69, 18.175,
294.178

70, 27.255,
294.941

■ 71, 36.284,
295.667

Harmonies

Complementary

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



66, 44.207, 108.343



39, 50.563, 298.863

Rectangle

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



66, 44.207, 108.343



66, 44.207, 158.343



66, 44.207, 288.343



66, 44.207, 338.343

Sweetspot

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



66, 44.208, 108.346



85, 16.810, 111.249



46, 36.160, 28.195



45, 11.441, 111.077



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



66, 44.208, 108.346



83, 63.779, 107.574



63, 48.403, 128.528



34, 5.087, 111.765



58, 63.920, 106.505



5, 7.963, 113.295

Inverse Universe

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



39, 50.563, 298.863



44, 76.075, 300.849



44, 51.563, 313.114



32, 5.196, 293.398



16, 87.685, 306.525



0, 7.956, 292.331

Previews

White Background



This preview shows how the CIELCh color 66, 44.207, 108.343 looks on a white background.

Color Contrast Check

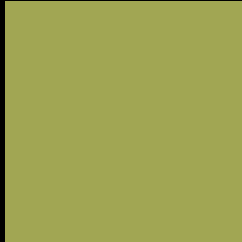
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 66, 44.207, 108.343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

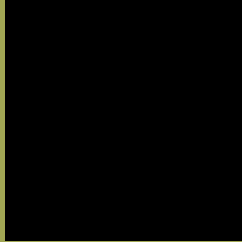
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 44.207, 108.343

Background



This preview shows how black text looks on a background with the CIELCh color 66, 44.207, 108.343.



This preview shows how white text looks on a background with the CIELCh color 66, 44.207, 108.343.

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, 44.207, 108.343

Protanopia

66, 43.128, 95.494

Deuteranopia

66, 41.778, 78.665



Tritanopia
66, 8.979, 326.855

Trichromacy



Original Color
66, 44.207, 108.343

Protanomaly
66, 43.015, 100.277

Deuteranomaly
66, 41.150, 90.194

Tritanomaly
66, 12.449, 95.768

Monochromacy



Original Color
66, 44.207, 108.343

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 16.574, 111.206

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 44.207, 108.343 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(161, 166, 83)` looks like.

```
.text, #text, p{  
    color:rgb(161, 166, 83)  
}
```

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(161, 166, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 166, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 44.207, 108.343 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(161, 166, 83) }
```

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

```
.border{ border-color:rgb(161, 166, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 166, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 166, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 166, 83);  
box-shadow:4px 4px 4px 4px rgb(161, 166,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 44.207, 108.343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 166, 83) }
```

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

```
.background{ background-color: rgb(161,  
166, 83) }
```

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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