

Converting Colors

CIELCh(66, 10.463, 92.644)

Have a look what the booklet for
CIELCh(66, 10.463, 92.644) contains.

CIELCh(66, 10.308, 93.354)	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(66, 10.308, 93.354)

Conversions

Conversions Part 1

Format	Color
Hex	A7A08E
RGB	167, 160, 142
RGB Percent	65%, 63%, 56%
CMY	0.3450, 0.3724, 0.4430
CMYK	0.00, 0.04, 0.15, 0.34
HSL	43°, 12%, 61%
HSV	43°, 15%, 66%
XYZ	33.4027, 35.3238, 30.6597
YIQ	160.0410, 9.9500, -4.1140

Conversions

Conversions Part 2

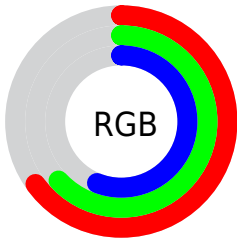
Format	Color
R_{YB}	152, 167, 142
Decimal	10985614
CIE _{Lab}	66.00, -0.60, 10.29
CIE _{LCh}	66, 10.308, 93.354
Yxy	35.3238, 0.3361, 0.3554
Android (android.graphics.Color)	4289175694 (0xFFA7A08E)
YUV	160.0410, -8.8942, 6.1030
Hunter-Lab	59.4338, -3.6897, 11.0181

Details

The CIELCh color **66, 10.308, 93.354** is a light color, and the websafe version is hex **999999**. A complement of this color would be **62, 10.371, 277.124**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 10.253, 94.490**, and **46, 10.374, 94.192** is the 20% darker color. If you saturate the color by 10%, you get **64, 17.322, 92.127**, and if you desaturate by 10%, it is **68, 3.390, 94.532**.

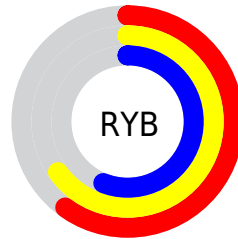
Distribution



Red (65%)

Green (63%)

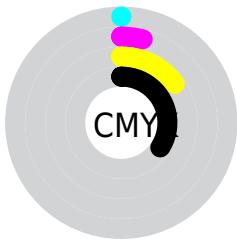
Blue (56%)



Red (60%)

Yellow (65%)

Blue (56%)

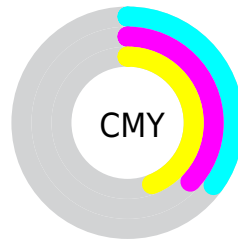


Cyan (0%)

Magenta (4%)

Yellow (15%)

Black (34%)



Cyan (35%)

Magenta (37%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 10.308, 93.354 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, 10.308, 93.354 by changing the saturation by 10% instead.

■ 66, 10.308, 93.354

■ 66, 10.308, 93.354

■ 100, 10.308,
93.354

■ 56, 10.308, 93.354

■ 86, 10.308, 93.354

■ 46, 10.308, 93.354

■ 96, 10.308, 93.354

■ 36, 10.308, 93.354

■ 26, 10.308, 93.354

■ 16, 10.308, 93.354

■ 6, 10.308, 93.354

■ 0, 10.308, 93.354

■ 66, 10.308, 93.354

■ 66, 10.308, 93.354

■ 64, 17.322, 92.127

■ 68, 3.390, 94.532

63, 24.401, 90.850

69, 3.423, 275.797

61, 31.490, 89.538

71, 10.130,
276.874

60, 38.480, 88.189

73, 16.732,
277.930

58, 45.176, 86.794

57, 51.241, 85.320

75, 23.235,
278.939

56, 56.163, 83.702

76, 29.644,
279.899

54, 59.335, 81.829

54, 60.610, 80.855

78, 33.937,
279.734

79, 31.739,
275.782

81, 29.709,
271.306

Harmonies

Complementary

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



66, 10.308, 93.354



62, 10.371, 277.124

Rectangle

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



66, 10.308, 93.354



66, 10.308, 143.354



66, 10.308, 273.354



66, 10.308, 323.354

Sweetspot

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



66, 10.309, 93.364



86, 3.371, 94.626



61, 10.603, 358.543



46, 2.417, 94.549



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



66, 10.309, 93.364



83, 15.366, 92.954



67, 13.875, 117.664



35, 3.903, 94.042



48, 55.466, 81.111



4, 6.576, 89.527

Inverse Universe

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



62, 10.371, 277.124



76, 15.472, 277.620



60, 14.309, 299.691



33, 3.923, 276.347



23, 69.353, 298.728



2, 7.407, 277.838

Previews

White Background



This preview shows how the CIELCh color 66, 10.308, 93.354 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, 10.308, 93.354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

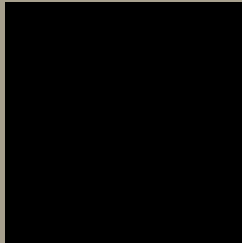
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 10.308, 93.354

Background



This preview shows how black text looks on a background with the CIELCh color 66, 10.308, 93.354.



This preview shows how white text looks on a background with the CIELCh color 66, 10.308, 93.354.

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, 10.308, 93.354

Protanopia

66, 10.424, 91.221

Deuteranopia

66, 12.833, 51.093



Tritanopia
66, 8.784, 331.033

Trichromacy



Original Color
66, 10.308, 93.354

Protanomaly
66, 10.424, 91.221

Deuteranomaly
66, 11.197, 63.295

Tritanomaly
66, 5.146, 7.413

Monochromacy



Original Color
66, 10.308, 93.354

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 4.025, 92.924

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 10.308, 93.354 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(167, 160, 142)` looks like.

```
.text, #text, p{  
    color:rgb(167, 160, 142)  
}
```

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(167, 160, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 160, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 10.308, 93.354 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(167, 160, 142) }
```

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

```
.border{ border-color:rgb(167, 160, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 160, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 160, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 160, 142);  
box-shadow:4px 4px 4px 4px rgb(167, 160,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 10.308, 93.354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 160, 142) }
```

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

```
.background{ background-color: rgb(167,  
160, 142) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor