

Converting Colors

CIELCh(77, 13.705, 66.821)

Have a look what the booklet for
CIELCh(77, 13.705, 66.821) contains.

CIELCh(77, 13.905, 66.544)	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(77, 13.905, 66.544)

Conversions

Conversions Part 1

Format	Color
Hex	D2BAA7
RGB	210, 186, 167
RGB Percent	82%, 73%, 65%
CMY	0.1770, 0.2711, 0.3456
CMYK	0.00, 0.11, 0.20, 0.18
HSL	27°, 32%, 74%
HSV	27°, 20%, 82%
XYZ	51.0363, 51.5317, 43.7553
YIQ	191.0100, 20.4030, -0.8210

Conversions

Conversions Part 2

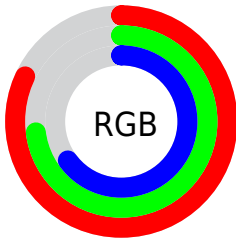
Format	Color
R _Y B	210, 201, 167
Decimal	13810343
CIE Lab	77.00, 5.53, 12.76
CIE LCh	77, 13.905, 66.544
Yxy	51.5317, 0.3488, 0.3522
Android (android.graphics.Color)	4292000423 (0xFFD2BAA7)
YUV	191.0100, -11.8369, 16.6542
Hunter-Lab	71.7856, 1.2806, 14.1110

Details

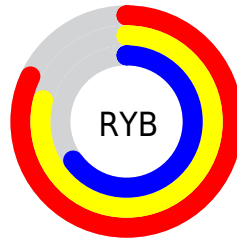
The CIELCh color **77, 13.905, 66.544** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76, 12.911, 251.673**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 11.260, 84.278**, and **57, 13.911, 66.912** is the 20% darker color. If you saturate the color by 10%, you get **74, 21.299, 65.447**, and if you desaturate by 10%, it is **80, 6.918, 67.649**.

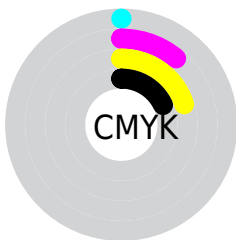
Distribution



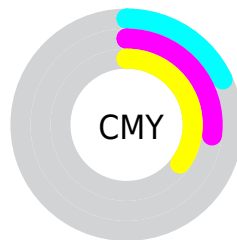
- Red (82%)
- Green (73%)
- Blue (65%)



- Red (82%)
- Yellow (79%)
- Blue (65%)



- Cyan (0%)
- Magenta (11%)
- Yellow (20%)
- Black (18%)



- Cyan (18%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 13.905, 66.544 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 77, 13.905, 66.544 by changing the saturation by 10% instead.

■ 77, 13.905, 66.544

■ 77, 13.905, 66.544

■ 100, 13.905,
66.544

■ 67, 13.905, 66.544

■ 97, 13.905, 66.544

■ 57, 13.905, 66.544

■ 47, 13.905, 66.544

■ 37, 13.905, 66.544

■ 27, 13.905, 66.544

■ 17, 13.905, 66.544

■ 7, 13.905, 66.544

■ 0, 13.905, 66.544

■ 77, 13.905, 66.544

■ 77, 13.905, 66.544

74, 21.299, 65.447

80, 6.918, 67.649

70, 29.118, 64.348

84, 0.305, 67.430

67, 37.353, 63.265

88, 5.971, 250.011

64, 45.932, 62.183

91, 11.947,
251.060

61, 54.662, 61.051

94, 12.588,
224.481

58, 63.109, 59.738

56, 70.437, 57.965

97, 15.040,
198.504

53, 75.773, 55.721

Harmonies

Complementary

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



77, 13.905, 66.544



76, 12.911, 251.673

Rectangle

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



77, 13.905, 66.544



77, 13.905, 116.544



77, 13.905, 246.544



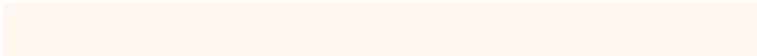
77, 13.905, 296.544

Sweetspot

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



77, 13.905, 66.555



98, 4.578, 68.099



73, 20.741, 341.889



52, 3.043, 68.036



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 13.905, 66.555



90, 20.151, 66.023



82, 21.090, 105.268



42, 3.721, 67.763



43, 64.015, 56.349



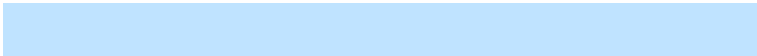
8, 15.828, 51.515

Inverse Universe

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



76, 12.911, 251.673



89, 18.347, 252.476



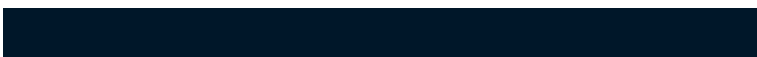
71, 21.965, 289.791



42, 3.609, 250.093



39, 46.728, 277.391



7, 14.969, 265.921

Previews

White Background



This preview shows how the CIELCh color 77, 13.905, 66.544 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 77, 13.905, 66.544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

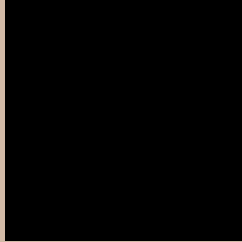
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 13.905, 66.544

Background



This preview shows how black text looks on a background with the CIELCh color 77, 13.905, 66.544.



This preview shows how white text looks on a background with the CIELCh color 77, 13.905, 66.544.

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

77, 13.905, 66.544

Protanopia

77, 11.741, 91.835

Deuteranopia

77, 16.000, 52.390



Tritanopia
77, 13.767, 347.618

Trichromacy



Original Color
77, 13.905, 66.544

Protanomaly
77, 12.481, 83.196

Deuteranomaly
77, 14.981, 57.257

Tritanomaly
77, 11.065, 14.758

Monochromacy



Original Color
77, 13.905, 66.544

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 5.040, 67.388

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 13.905, 66.544 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(210, 186, 167)` looks like.

```
.text, #text, p{  
    color:rgb(210, 186, 167)  
}
```

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(210, 186, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 186, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 13.905, 66.544 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(210, 186, 167) }
```

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

```
.border{ border-color:rgb(210, 186, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 186, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 186, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 186, 167);  
box-shadow:4px 4px 4px 4px rgb(210, 186,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 13.905, 66.544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 186, 167) }
```

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

```
.background{ background-color: rgb(210,  
186, 167) }
```

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