

Converting Colors

CIELCh(77, 4.833, 27.047)

Have a look what the booklet for
CIELCh(77, 4.833, 27.047) contains.

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Color

CIELCh(77, 4.906, 25.941)

Conversions

Conversions Part 1

Format	Color
Hex	C8BBBA
RGB	200, 187, 186
RGB Percent	78%, 73%, 73%
CMY	0.2146, 0.2656, 0.2695
CMYK	0.00, 0.06, 0.07, 0.21
HSL	4°, 11%, 76%
HSV	4°, 7%, 79%
XYZ	50.6144, 51.5317, 53.8864
YIQ	190.7730, 8.0690, 2.4450

Conversions

Conversions Part 2

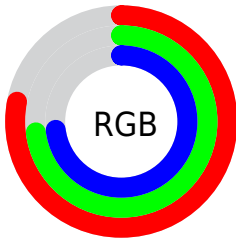
Format	Color
RYB	200, 187, 186
Decimal	13155258
CIELab	77.00, 4.41, 2.15
CIELCh	77, 4.906, 25.941
Yxy	51.5317, 0.3244, 0.3303
Android (android.graphics.Color)	4291345338 (0xFFC8BBBA)
YUV	190.7730, -2.3531, 8.0921
Hunter-Lab	71.7856, 0.2314, 5.7435

Details

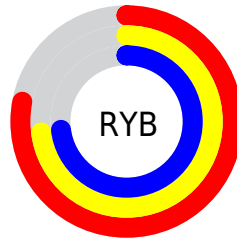
The CIELCh color $77, 4.906, 25.941$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 4.691, 205.736$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 4.299, 26.345$, and $57, 4.838, 26.543$ is the 20% darker color. If you saturate the color by 10%, you get $72, 12.416, 26.512$, and if you desaturate by 10%, it is $82, 2.027, 206.014$.

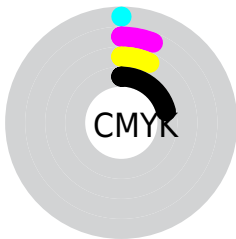
Distribution



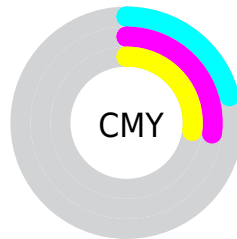
- Red (78%)
- Green (73%)
- Blue (73%)



- Red (78%)
- Yellow (73%)
- Blue (73%)



- Cyan (0%)
- Magenta (6%)
- Yellow (7%)
- Black (21%)




- Cyan (21%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 4.906, 25.941 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, 4.906, 25.941 by changing the saturation by 10% instead.

 77, 4.906, 25.941  77, 4.906, 25.941

 100, 4.906, 25.941  67, 4.906, 25.941

 97, 4.906, 25.941  57, 4.906, 25.941

 47, 4.906, 25.941

 37, 4.906, 25.941

 27, 4.906, 25.941

 17, 4.906, 25.941

 7, 4.906, 25.941

 0, 4.906, 25.941

 77, 4.906, 25.941  77, 4.906, 25.941

72, 12.416, 26.512

82, 2.027, 206.014

67, 20.542, 27.194

88, 8.429, 205.572

62, 29.288, 28.111

93, 14.355,
205.390

57, 38.610, 29.339

96, 18.016,
198.313

53, 48.394, 30.956

49, 58.429, 33.018

46, 68.357, 35.487

44, 77.485, 38.073

43, 84.405, 40.037

Harmonies

Complementary

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



77, 4.906, 25.941



79, 4.691, 205.736

Rectangle

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



77, 4.906, 25.941



77, 4.906, 75.941



77, 4.906, 205.941



77, 4.906, 255.941

Sweetspot

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



77, 4.905, 25.964



99, 1.673, 25.495



77, 8.734, 326.647



53, 0.951, 25.471



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, 4.905, 25.964



95, 6.859, 26.027



79, 4.782, 81.336



39, 3.994, 26.094



34, 73.666, 40.734



4, 15.196, 23.298

Inverse Universe

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



79, 4.691, 205.736



98, 6.512, 205.690



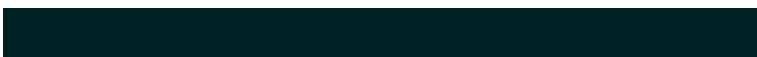
78, 4.747, 263.254



41, 3.761, 205.643



57, 32.805, 208.543



11, 12.072, 205.650

Previews

White Background



This preview shows how the CIELCh color 77, 4.906, 25.941 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, 4.906, 25.941 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

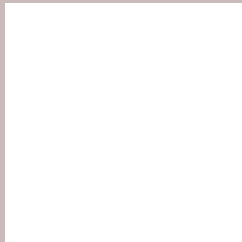
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 4.906, 25.941

Background



This preview shows how black text looks on a background with the CIELCh color 77, 4.906, 25.941.



This preview shows how white text looks on a background with the CIELCh color 77, 4.906, 25.941.

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, 4.906, 25.941

Protanopia

77, 2.136, 49.342

Deuteranopia

77, 9.954, 10.939



Tritanopia
77, 10.227, 328.274

Trichromacy



Original Color
77, 4.906, 25.941

Protanomaly
77, 3.028, 29.642

Deuteranomaly
77, 7.985, 12.318

Tritanomaly
77, 7.383, 339.140

Monochromacy



Original Color
77, 4.906, 25.941

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 1.570, 39.087

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 4.906, 25.941 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(200, 187, 186)` looks like.

```
.text, #text, p{  
    color:rgb(200, 187, 186)  
}
```

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(200, 187, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 187, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 4.906, 25.941 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(200, 187, 186) }
```

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

```
.border{ border-color:rgb(200, 187, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 187, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 187, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 187, 186);  
box-shadow:4px 4px 4px 4px rgb(200, 187,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 4.906, 25.941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 187, 186) }
```

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

```
.background{ background-color: rgb(200,  
187, 186) }
```

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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