

Converting Colors

CIELCh(77, 7.596, 132.736)

Have a look what the booklet for
CIELCh(77, 7.596, 132.736) contains.

CIELCh(77, 7.596, 132.736)	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(77, 7.596, 132.736)

Conversions

Conversions Part 1

Format	Color
Hex	B9C1B4
RGB	185, 193, 180
RGB Percent	73%, 76%, 71%
CMY	0.2759, 0.2445, 0.2955
CMYK	0.04, 0.00, 0.07, 0.24
HSL	97°, 9%, 73%
HSV	97°, 7%, 76%
XYZ	47.1141, 51.5317, 50.4538
YIQ	189.1260, -0.5950, -5.7390

Conversions

Conversions Part 2

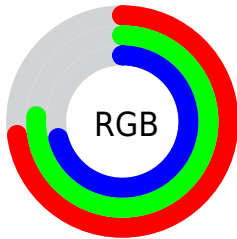
Format	Color
RYB	180, 193, 188
Decimal	12173748
CIELab	77.00, -5.15, 5.58
CIELCh	77, 7.596, 132.736
Yxy	51.5317, 0.3160, 0.3456
Android (android.graphics.Color)	4290363828 (0xFFB9C1B4)
YUV	189.1260, -4.4991, -3.6185
Hunter-Lab	71.7856, -8.4724, 8.5786

Details

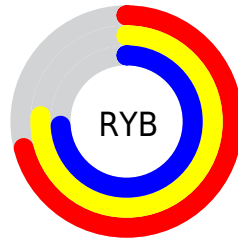
The CIELCh color **77, 7.596, 132.736** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74, 7.663, 313.256**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 7.234, 132.803**, and **57, 8.067, 132.631** is the 20% darker color. If you saturate the color by 10%, you get **76, 18.920, 132.281**, and if you desaturate by 10%, it is **78, 3.659, 313.085**.

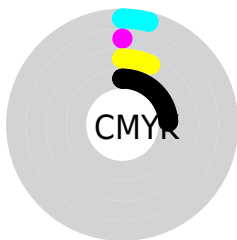
Distribution



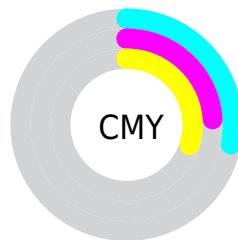
- Red (73%)
- Green (76%)
- Blue (71%)



- Red (71%)
- Yellow (76%)
- Blue (74%)



- Cyan (4%)
- Magenta (0%)
- Yellow (7%)
- Black (24%)



- Cyan (28%)
- Magenta (24%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 7.596, 132.736 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, 7.596, 132.736 by changing the saturation by 10% instead.

■ 77, 7.596, 132.736

■ 77, 7.596, 132.736

■ 100, 7.596,
132.736

■ 67, 7.596, 132.736

■ 97, 7.596, 132.736

■ 57, 7.596, 132.736

■ 47, 7.596, 132.736

■ 37, 7.596, 132.736

■ 27, 7.596, 132.736

■ 17, 7.596, 132.736

■ 7, 7.596, 132.736

■ 0, 7.596, 132.736

■ 77, 7.596, 132.736

■ 77, 7.596, 132.736

76, 18.920,
132.281

78, 3.659, 313.085

74, 30.220,
131.798

80, 14.791,
313.479

73, 41.378,
131.297

81, 25.754,
313.806

72, 52.223,
130.806

83, 35.699,
314.614

72, 62.512,
130.373

84, 37.293,
320.589

71, 71.910,
130.078

85, 39.104,
325.782

70, 79.977,
130.029

70, 86.234,
130.357

69, 90.403,

Harmonies

Complementary

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



77, 7.596, 132.736



74, 7.663, 313.256

Rectangle

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



77, 7.596, 132.736



77, 7.596, 182.736



77, 7.596, 312.736



77, 7.596, 2.736

Sweetspot

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



77, 7.598, 132.740



98, 2.769, 132.983



76, 4.603, 84.515



52, 1.574, 132.991



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



77, 7.598, 132.740



97, 11.135, 132.677



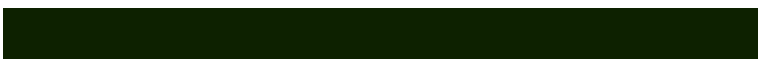
77, 7.959, 146.905



40, 6.422, 132.621



58, 79.818, 131.195



10, 21.911, 135.997

Inverse Universe

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



74, 7.663, 313.256



93, 11.241, 313.317



75, 7.979, 327.623



38, 6.489, 313.372



27, 86.114, 314.953



2, 20.709, 309.685

Previews

White Background



This preview shows how the CIELCh color 77, 7.596, 132.736 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, 7.596, 132.736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

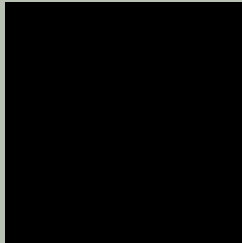
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

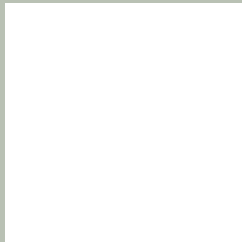
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 7.596, 132.736

Background



This preview shows how black text looks on a background with the CIELCh color 77, 7.596, 132.736.



This preview shows how white text looks on a background with the CIELCh color 77, 7.596, 132.736.

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, 7.596, 132.736

Protanopia

77, 6.444, 85.229

Deuteranopia

77, 10.458, 28.969



Tritanopia
77, 8.065, 288.393

Trichromacy



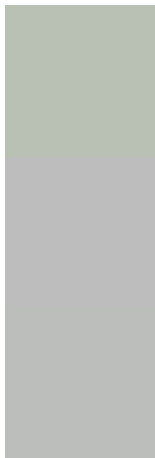
Original Color
77, 7.596, 132.736

Protanomaly
77, 5.925, 102.290

Deuteranomaly
77, 6.198, 50.834

Tritanomaly
77, 2.887, 268.258

Monochromacy



Original Color
77, 7.596, 132.736

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 2.421, 137.284

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 7.596, 132.736 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(185, 193, 180)` looks like.

```
.text, #text, p{  
    color:rgb(185, 193, 180)  
}
```

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(185, 193, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 193, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 7.596, 132.736 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(185, 193, 180) }
```

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

```
.border{ border-color:rgb(185, 193, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 193, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 193, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 193, 180);  
box-shadow:4px 4px 4px 4px rgb(185, 193,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 7.596, 132.736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 193, 180) }
```

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

```
.background{ background-color: rgb(185,  
193, 180) }
```

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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