

Converting Colors

CIELCh(75, 6.781, 184.650)

Have a look what the booklet for
CIELCh(75, 6.781, 184.650) contains.

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Color

CIELCh(75, 6.775, 185.081)

Conversions

Conversions Part 1

Format	Color
Hex	AABC B9
RGB	170, 188, 185
RGB Percent	67%, 74%, 73%
CMY	0.3316, 0.2610, 0.2727
CMYK	0.10, 0.00, 0.02, 0.26
HSL	170°, 12%, 70%
HSV	170°, 10%, 74%
XYZ	43.5590, 48.2781, 53.1721
YIQ	182.2760, -9.7650, -4.7490

Conversions

Conversions Part 2

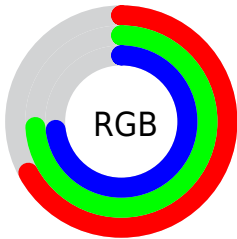
Format	Color
RYB	170, 180, 188
Decimal	11189433
CIELab	75.00, -6.75, -0.60
CIELCh	75, 6.775, 185.081
Yxy	48.2781, 0.3004, 0.3329
Android (android.graphics.Color)	4289379513 (0xFFAABC B9)
YUV	182.2760, 1.3429, -10.7661
Hunter-Lab	69.4824, -9.6915, 3.2655

Details

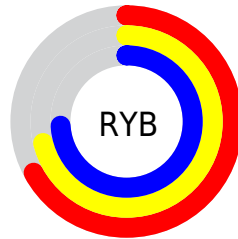
The CIELCh color `75, 6.775, 185.081` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `71, 7.061, 6.610`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 6.803, 185.936`, and `55, 6.801, 184.055` is the 20% darker color. If you saturate the color by 10%, you get `74, 13.628, 184.149`, and if you desaturate by 10%, it is `76, 0.322, 4.305`.

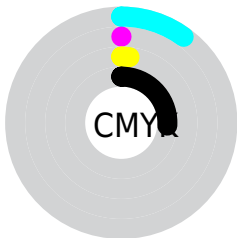
Distribution



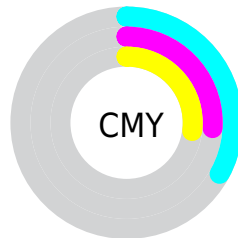
- Red (67%)
- Green (74%)
- Blue (73%)



- Red (67%)
- Yellow (71%)
- Blue (74%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (26%)



- Cyan (33%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 6.775, 185.081 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 75, 6.775, 185.081 by changing the saturation by 10% instead.

■ 75, 6.775, 185.081

■ 75, 6.775, 185.081

■ 100, 6.775,
185.081

■ 65, 6.775, 185.081

■ 95, 6.775, 185.081

■ 55, 6.775, 185.081

■ 45, 6.775, 185.081

■ 35, 6.775, 185.081

■ 25, 6.775, 185.081

■ 15, 6.775, 185.081

■ 5, 6.775, 185.081

■ 0, 6.775, 185.081

■ 75, 6.775, 185.081

■ 75, 6.775, 185.081

74, 13.628,
184.149

76, 0.322, 4.305

72, 20.124,
183.212

78, 7.573, 6.606

71, 26.149,
182.230

80, 14.899, 7.437

71, 31.584,
181.187

82, 22.238, 8.225

83, 25.923, 6.754

70, 36.322,
180.063

83, 26.244, 3.227

83, 26.670,
359.803

69, 40.280,
178.839

83, 27.194,
356.505

69, 43.416,
177.490

83, 27.811,
353.350

69, 45.747,
175.999

68, 47.440,

174.387

Harmonies

Complementary

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



75, 6.775, 185.081



71, 7.061, 6.610

Rectangle

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



75, 6.775, 185.081



75, 6.775, 235.081



75, 6.775, 5.081



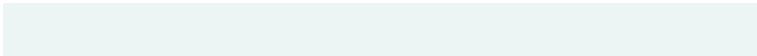
75, 6.775, 55.081

Sweetspot

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



75, 6.776, 185.070



96, 2.651, 185.783



75, 11.215, 138.880



51, 2.008, 185.667



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



75, 6.776, 185.070



94, 9.623, 184.919



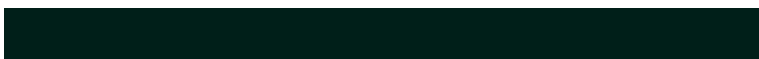
74, 5.359, 234.493



39, 4.024, 185.089



58, 41.608, 174.558



9, 12.823, 179.367

Inverse Universe

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



71, 7.061, 6.610



89, 10.097, 6.781



73, 5.628, 52.861



37, 4.189, 6.589



33, 66.025, 31.154



3, 12.451, 9.888

Previews

White Background



This preview shows how the CIELCh color 75, 6.775, 185.081 looks on a white background.

Color Contrast Check

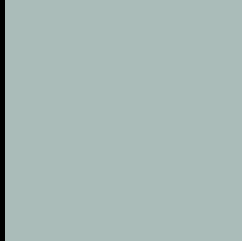
Large Text (above 18pt) WCAG AA × Fail

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 75, 6.775, 185.081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

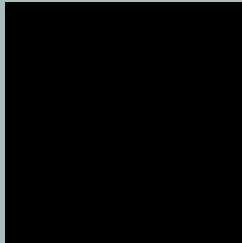
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

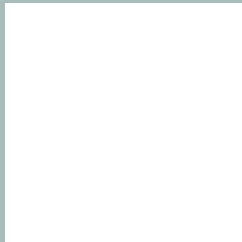
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 6.775, 185.081

Background



This preview shows how black text looks on a background with the CIELCh color 75, 6.775, 185.081.



This preview shows how white text looks on a background with the CIELCh color 75, 6.775, 185.081.

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

75, 6.775, 185.081

Protanopia

75, 1.867, 19.282

Deuteranopia

75, 9.324, 352.678



Tritanopia
75, 9.205, 261.134

Trichromacy



Original Color
75, 6.775, 185.081

Protanomaly
75, 1.236, 173.903

Deuteranomaly
75, 3.699, 343.887

Tritanomaly
75, 6.796, 238.698

Monochromacy



Original Color
75, 6.775, 185.081

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 2.640, 187.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 6.775, 185.081 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(170, 188, 185)` looks like.

```
.text, #text, p{  
    color:rgb(170, 188, 185)  
}
```

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(170, 188, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 188, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 6.775, 185.081 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(170, 188, 185) }
```

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

```
.border{ border-color:rgb(170, 188, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 188, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 188, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 188, 185); box-shadow:4px 4px 4px 4px rgb(170, 188, 185) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 6.775, 185.081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 188, 185) }
```

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

```
.background{ background-color: rgb(170,  
188, 185) }
```

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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