

Converting Colors

CIELCh(75, 8.253, 206.377)

Have a look what the booklet for
CIELCh(75, 8.253, 206.377) contains.

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Color

CIELCh(75, 8.253, 206.377)

Conversions

Conversions Part 1

Format	Color
Hex	A6BDBF
RGB	166, 189, 191
RGB Percent	65%, 74%, 75%
CMY	0.3489, 0.2587, 0.2509
CMYK	0.13, 0.01, 0.00, 0.25
HSL	185°, 16%, 70%
HSV	185°, 13%, 75%
XYZ	43.3406, 48.2781, 56.3388
YIQ	182.3510, -14.3500, -4.2540

Conversions

Conversions Part 2

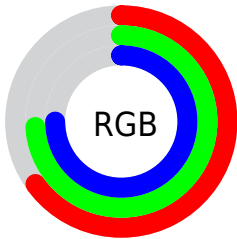
Format	Color
R_{YB}	166, 178, 191
Decimal	10927551
CIE _{Lab}	75.00, -7.39, -3.67
CIE _{LCh}	75, 8.253, 206.377
Yxy	48.2781, 0.2929, 0.3263
Android (android.graphics.Color)	4289117631 (0xFFA6BDBF)
YUV	182.3510, 4.2640, -14.3398
Hunter-Lab	69.4824, -10.2526, 0.5633

Details

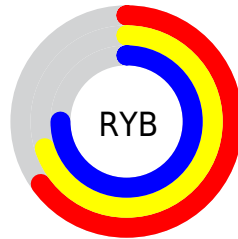
The CIELCh color $75, 8.253, 206.377$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $71, 8.989, 27.037$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 8.256, 206.127$, and $55, 8.292, 206.644$ is the 20% darker color. If you saturate the color by 10%, you get $73, 14.112, 206.190$, and if you desaturate by 10%, it is $77, 1.997, 206.799$.

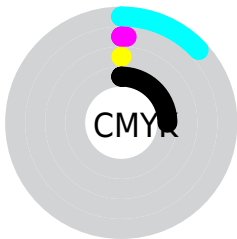
Distribution



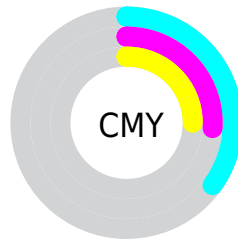
- Red (65%)
- Green (74%)
- Blue (75%)



- Red (65%)
- Yellow (70%)
- Blue (75%)



- Cyan (13%)
- Magenta (1%)
- Yellow (0%)
- Black (25%)



- Cyan (35%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 8.253, 206.377 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, 8.253, 206.377 by changing the saturation by 10% instead.

■ 75, 8.253, 206.377

■ 75, 8.253, 206.377

■ 100, 8.253,
206.377

■ 65, 8.253, 206.377

■ 95, 8.253, 206.377

■ 55, 8.253, 206.377

■ 45, 8.253, 206.377

■ 35, 8.253, 206.377

■ 25, 8.253, 206.377

■ 15, 8.253, 206.377

■ 5, 8.253, 206.377

■ 0, 8.253, 206.377

■ 75, 8.253, 206.377

■ 75, 8.253, 206.377

73, 14.112,
206.190

77, 1.997, 206.799

72, 19.469,
206.132

79, 4.565, 26.705

71, 24.222,
206.203

81, 11.352, 27.116

69, 28.269,
206.426

84, 22.762, 28.485

68, 31.529,
206.828

85, 22.317, 30.613

67, 33.950,
207.437

85, 21.906, 32.825

67, 35.525,
208.283

85, 21.529, 35.119

66, 36.307,
209.388

86, 21.189, 37.491

66, 36.536,

Harmonies

Complementary

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



75, 8.253, 206.377



71, 8.989, 27.037

Rectangle

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



75, 8.253, 206.377



75, 8.253, 256.377



75, 8.253, 26.377



75, 8.253, 76.377

Sweetspot

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



75, 8.254, 206.366



96, 3.185, 206.709



75, 15.761, 145.495



52, 2.278, 206.658



99, 0.012, 296.813



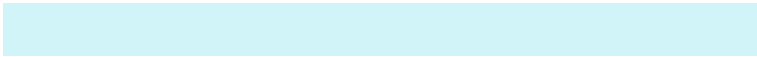
52, 0.007, 296.813

Same Dimension

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



75, 8.254, 206.366



94, 12.332, 206.297



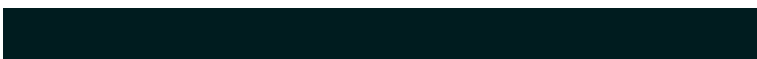
72, 8.549, 264.100



39, 3.575, 206.468



55, 31.796, 210.052



8, 10.488, 207.760

Inverse Universe

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



71, 15.642, 327.396



88, 23.619, 327.580



74, 8.712, 80.594



37, 6.693, 327.175



37, 75.993, 331.647



3, 19.866, 328.425

Previews

White Background



This preview shows how the CIELCh color 75, 8.253, 206.377 looks on a white background.

Color Contrast Check

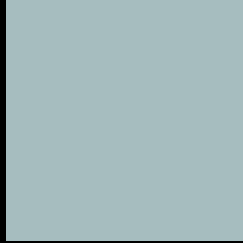
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 75, 8.253, 206.377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

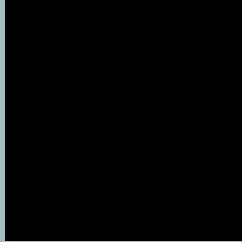
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

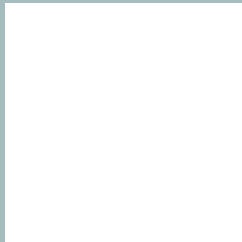
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 8.253, 206.377

Background



This preview shows how black text looks on a background with the CIELCh color 75, 8.253, 206.377.

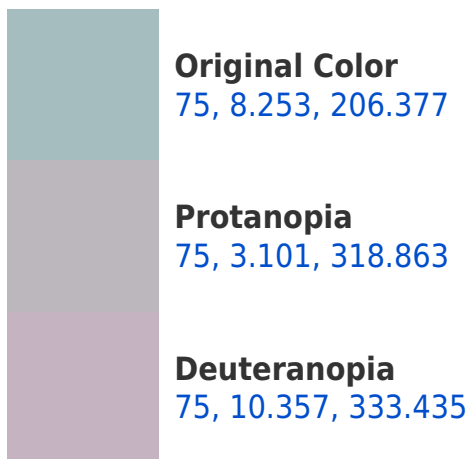


This preview shows how white text looks on a background with the CIELCh color 75, 8.253, 206.377.

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





Tritanopia
75, 10.322, 251.008

Trichromacy



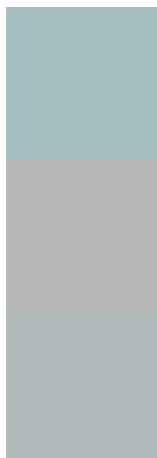
Original Color
75, 8.253, 206.377

Protanomaly
75, 3.051, 244.593

Deuteranomaly
75, 5.005, 303.290

Tritanomaly
75, 9.029, 235.833

Monochromacy



Original Color
75, 8.253, 206.377

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 3.298, 199.297

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 8.253, 206.377 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(166, 189, 191)` looks like.

```
.text, #text, p{  
    color:rgb(166, 189, 191)  
}
```

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(166, 189, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 189, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 8.253, 206.377 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(166, 189, 191) }
```

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

```
.border{ border-color:rgb(166, 189, 191) }
```

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

Here you see how a box with a 4 pixel rgb(166, 189, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 189, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 189, 191);  
box-shadow:4px 4px 4px 4px rgb(166, 189,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 8.253, 206.377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 189, 191) }
```

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

```
.background{ background-color: rgb(166,  
189, 191) }
```

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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