

Converting Colors

CIELCh(75, 8.254, 226.287)

Have a look what the booklet for
CIELCh(75, 8.254, 226.287) contains.

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Color

CIELCh(75, 8.254, 226.287)

Conversions

Conversions Part 1

Format	Color
Hex	A7BCC3
RGB	167, 188, 195
RGB Percent	65%, 74%, 76%
CMY	0.3441, 0.2617, 0.2342
CMYK	0.14, 0.04, 0.00, 0.23
HSL	195°, 19%, 71%
HSV	195°, 14%, 77%
XYZ	43.9140, 48.2781, 58.7942
YIQ	182.5190, -14.7630, -2.2750

Conversions

Conversions Part 2

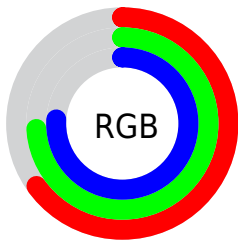
Format	Color
RYP	167, 179, 195
Decimal	10992835
CIELab	75.00, -5.70, -5.97
CIELCh	75, 8.254, 226.287
Yxy	48.2781, 0.2908, 0.3198
Android (android.graphics.Color)	4289182915 (0xFFA7BCC3)
YUV	182.5190, 6.1531, -13.6102
Hunter-Lab	69.4824, -8.7794, -1.5319

Details

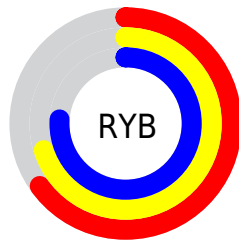
The CIELCh color `75, 8.254, 226.287` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `73, 9.000, 44.770`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 8.442, 228.271`, and `55, 8.106, 224.051` is the 20% darker color. If you saturate the color by 10%, you get `72, 13.624, 227.047`, and if you desaturate by 10%, it is `78, 2.559, 225.816`.

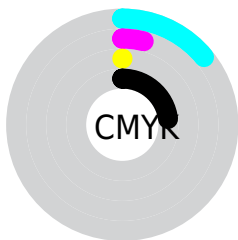
Distribution



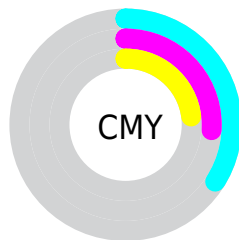
- Red (65%)
- Green (74%)
- Blue (76%)



- Red (65%)
- Yellow (70%)
- Blue (76%)



- Cyan (14%)
- Magenta (4%)
- Yellow (0%)
- Black (23%)



- Cyan (34%)
- Magenta (26%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 8.254, 226.287 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, 8.254, 226.287 by changing the saturation by 10% instead.

 75, 8.254, 226.287

 75, 8.254, 226.287

 100, 8.254,
226.287

 65, 8.254, 226.287

 95, 8.254, 226.287

 55, 8.254, 226.287

 45, 8.254, 226.287

 35, 8.254, 226.287

 25, 8.254, 226.287

 15, 8.254, 226.287

 5, 8.254, 226.287

 0, 8.254, 226.287

 75, 8.254, 226.287

 75, 8.254, 226.287

72, 13.624,
227.047

78, 2.559, 225.816

70, 18.590,
228.086

80, 3.392, 45.016

68, 23.072,
229.447

83, 9.536, 44.792

65, 26.996,
231.206

88, 18.693, 49.108

63, 30.305,
233.449

89, 18.537, 58.417

61, 32.981,
236.269

91, 18.879, 67.613

59, 35.059,
239.744

92, 19.691, 76.236

58, 36.648,
243.904

93, 20.913, 83.981

57, 37.463,

246.425

Harmonies

Complementary

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



75, 8.254, 226.287



73, 9.000, 44.770

Rectangle

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



75, 8.254, 226.287



75, 8.254, 276.287



75, 8.254, 46.287



75, 8.254, 96.287

Sweetspot

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



75, 8.254, 226.275



99, 2.930, 225.815



76, 15.614, 150.756



52, 2.078, 225.821



0, 0.000, 0.000



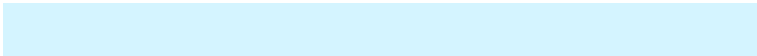
53, 0.007, 296.813

Same Dimension

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



75, 8.254, 226.275



94, 12.058, 226.475



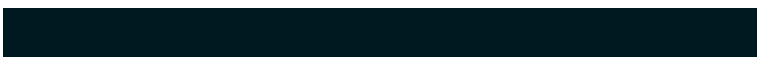
71, 11.451, 277.970



40, 3.282, 225.987



47, 32.290, 245.685



7, 10.357, 236.608

Inverse Universe

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



72, 15.498, 333.253



89, 22.849, 333.456



76, 11.364, 94.366



38, 6.069, 332.910



36, 67.695, 341.178



4, 19.102, 337.299

Previews

White Background



This preview shows how the CIELCh color 75, 8.254, 226.287 looks on a white background.

Color Contrast Check

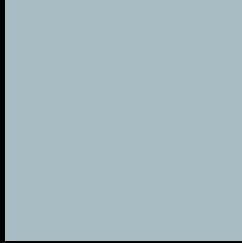
Large Text (above 18pt) WCAG AA × Fail

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, 8.254, 226.287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

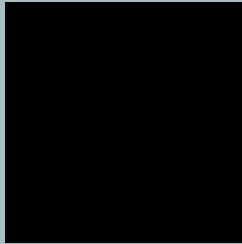
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

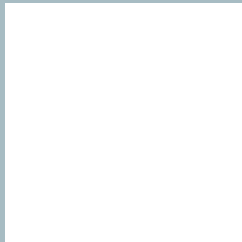
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 8.254, 226.287

Background



This preview shows how black text looks on a background with the CIELCh color 75, 8.254, 226.287.



This preview shows how white text looks on a background with the CIELCh color 75, 8.254, 226.287.

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, 8.254, 226.287

Protanopia

75, 4.934, 299.151

Deuteranopia

75, 11.600, 323.391



Tritanopia
75, 10.116, 252.524

Trichromacy



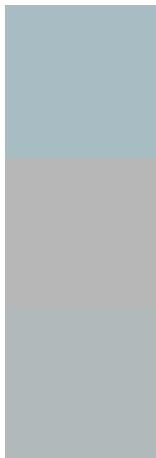
Original Color
75, 8.254, 226.287

Protanomaly
75, 4.800, 263.746

Deuteranomaly
75, 7.733, 301.684

Tritanomaly
75, 9.544, 246.614

Monochromacy



Original Color
75, 8.254, 226.287

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 3.100, 219.779

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 8.254, 226.287 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(167, 188, 195)` looks like.

```
.text, #text, p{  
    color:rgb(167, 188, 195)  
}
```

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(167, 188, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 188, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 8.254, 226.287 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(167, 188, 195) }
```

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

```
.border{ border-color:rgb(167, 188, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 188, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 188, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 188, 195);  
box-shadow:4px 4px 4px 4px rgb(167, 188,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 8.254, 226.287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 188, 195) }
```

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

```
.background{ background-color: rgb(167,  
188, 195) }
```

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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