

Converting Colors

CIELCh(75, 26.147, 202.288)

Have a look what the booklet for
CIELCh(75, 26.147, 202.288)
contains.

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Color

CIELCh(75, 26.147, 202.288)

Conversions

Conversions Part 1

Format	Color
Hex	73C6CA
RGB	115, 198, 202
RGB Percent	45%, 78%, 79%
CMY	0.5491, 0.2236, 0.2080
CMYK	0.43, 0.02, 0.00, 0.21
HSL	183°, 45%, 62%
HSV	183°, 43%, 79%
XYZ	37.9089, 48.2781, 63.1773
YIQ	173.6390, -50.7520, -16.3520

Conversions

Conversions Part 2

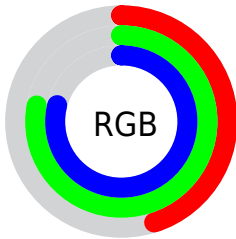
Format	Color
RYB	115, 157, 202
Decimal	7587530
CIELab	75.00, -24.19, -9.92
CIELCh	75, 26.147, 202.288
Yxy	48.2781, 0.2538, 0.3232
Android (android.graphics.Color)	4285777610 (0xFF73C6CA)
YUV	173.6390, 13.9820, -51.4264
Hunter-Lab	69.4824, -24.2065, -5.2720

Details

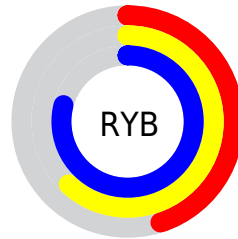
The CIELCh color **75, 26.147, 202.288** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **59, 35.882, 26.938**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 26.483, 197.785**, and **55, 26.136, 202.118** is the 20% darker color. If you saturate the color by 10%, you get **74, 30.514, 202.258**, and if you desaturate by 10%, it is **76, 21.018, 202.424**.

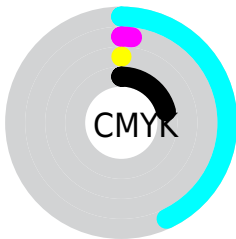
Distribution



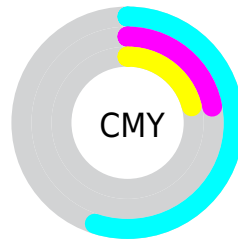
- Red (45%)
- Green (78%)
- Blue (79%)



- Red (45%)
- Yellow (62%)
- Blue (79%)



- Cyan (43%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)



- Cyan (55%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 26.147, 202.288 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, 26.147, 202.288 by changing the saturation by 10% instead.

 75, 26.147,
202.288

 75, 26.147,
202.288

 100, 26.147,
202.288

 65, 26.147,
202.288


 95, 26.147,
202.288

 55, 26.147,
202.288

 45, 26.147,
202.288

 35, 26.147,
202.288

 25, 26.147,
202.288

 15, 26.147,
202.288

 5, 26.147, 202.288

0, 26.147, 202.288

75, 26.147,
202.288

75, 26.147,
202.288

74, 30.514,
202.258

76, 21.018,
202.424

73, 34.034,
202.358

78, 15.233,
202.660

72, 36.655,
202.599

79, 8.906, 202.990

81, 2.148, 203.554

72, 38.375,
202.995

83, 4.937, 23.596

71, 39.252,
203.554

85, 12.261, 24.117

71, 39.515,
204.015

86, 19.222, 24.678

■ 87, 18.919, 26.158

■ 87, 18.630, 27.685

Harmonies

Complementary

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



75, 26.147, 202.288



59, 35.882, 26.938

Rectangle

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



75, 26.147, 202.288



75, 26.147, 252.288



75, 26.147, 22.288



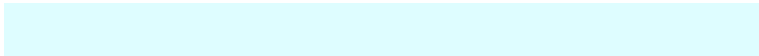
75, 26.147, 72.288

Sweetspot

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



75, 26.147, 202.286



97, 10.696, 202.986



74, 55.134, 141.969



52, 7.436, 202.904



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, 26.147, 202.286



91, 36.201, 202.257



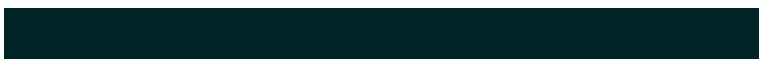
63, 28.234, 266.629



42, 3.934, 203.142



59, 34.146, 203.901



12, 12.861, 202.265

Inverse Universe

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



61, 54.505, 328.060



71, 77.952, 328.540



69, 31.115, 73.382



40, 7.306, 326.195



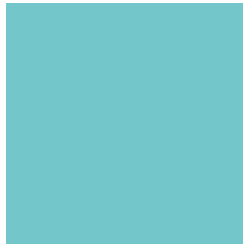
39, 80.773, 330.132



5, 27.991, 329.022

Previews

White Background



This preview shows how the CIELCh color 75, 26.147, 202.288 looks on a white background.

Color Contrast Check

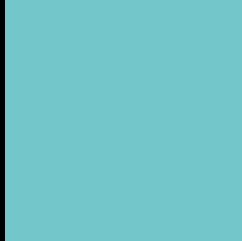
Large Text (above 18pt) WCAG AA × Fail

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, 26.147, 202.288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

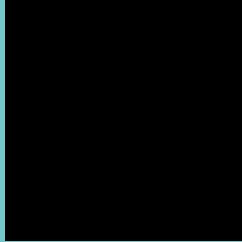
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

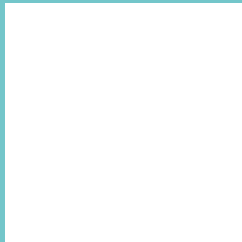
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 26.147, 202.288

Background



This preview shows how black text looks on a background with the CIELCh color 75, 26.147, 202.288.

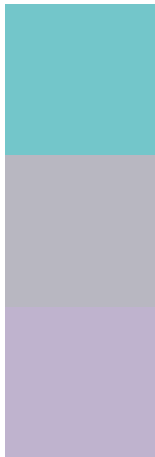


This preview shows how white text looks on a background with the CIELCh color 75, 26.147, 202.288.

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, 26.147, 202.288

Protanopia
75, 5.427, 294.540

Deuteranopia
75, 15.291, 307.733



Tritanopia
75, 25.215, 217.994

Trichromacy



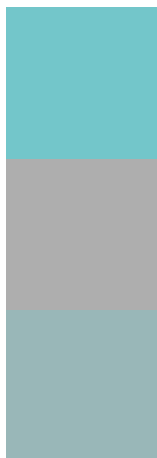
Original Color
75, 26.147, 202.288

Protanomaly
74, 10.887, 222.243

Deuteranomaly
74, 12.765, 252.915

Tritanomaly
75, 25.362, 211.325

Monochromacy



Original Color
75, 26.147, 202.288

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 10.667, 201.536

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 26.147, 202.288 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(115, 198, 202)` looks like.

```
.text, #text, p{  
    color:rgb(115, 198, 202)  
}
```

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(115, 198, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 198, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 26.147, 202.288 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(115, 198, 202) }
```

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

```
.border{ border-color:rgb(115, 198, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 198, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 198, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 198, 202);  
box-shadow:4px 4px 4px 4px rgb(115, 198,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 26.147, 202.288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 198, 202) }
```

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

```
.background{ background-color: rgb(115,  
198, 202) }
```

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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