

Converting Colors

CIELCh(75, 31.234, 205.752)

Have a look what the booklet for
CIELCh(75, 31.234, 205.752)
contains.

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Color

CIELCh(75, 31.145, 206.290)

Conversions

Conversions Part 1

Format	Color
Hex	5EC8D1
RGB	94, 200, 209
RGB Percent	37%, 78%, 82%
CMY	0.6314, 0.2158, 0.1805
CMYK	0.55, 0.04, 0.00, 0.18
HSL	185°, 56%, 59%
HSV	185°, 55%, 82%
XYZ	36.7680, 48.2781, 67.6866
YIQ	169.3320, -66.0650, -19.6730

Conversions

Conversions Part 2

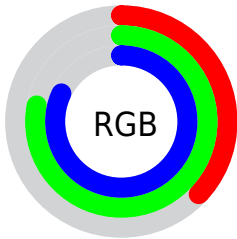
Format	Color
RYB	94, 149, 209
Decimal	6211793
CIELab	75.00, -27.92, -13.79
CIElCh	75, 31.145, 206.290
Yxy	48.2781, 0.2407, 0.3161
Android (android.graphics.Color)	4284401873 (0xFF5EC8D1)
YUV	169.3320, 19.5563, -66.0662
Hunter-Lab	69.4824, -27.1375, -9.1199

Details

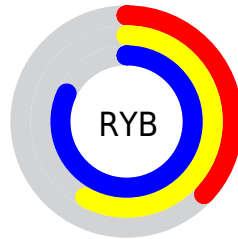
The CIELCh color **75, 31.145, 206.290** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **56, 47.874, 31.065**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 31.155, 197.500**, and **55, 31.206, 206.325** is the 20% darker color. If you saturate the color by 10%, you get **74, 34.453, 206.721**, and if you desaturate by 10%, it is **76, 26.967, 206.040**.

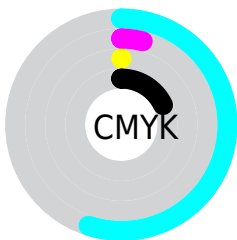
Distribution



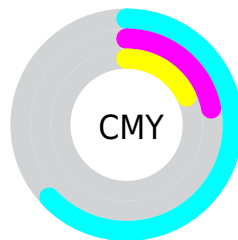
- Red (37%)
- Green (78%)
- Blue (82%)



- Red (37%)
- Yellow (58%)
- Blue (82%)



- Cyan (55%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)





- Cyan (63%)
- Magenta (22%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 31.145, 206.290 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, 31.145, 206.290 by changing the saturation by 10% instead.


 75, 31.145,
206.290


 75, 31.145,
206.290


 100, 31.145,
206.290


 65, 31.145,
206.290


 95, 31.145,
206.290

 55, 31.145,
206.290

 45, 31.145,
206.290

 35, 31.145,
206.290

 25, 31.145,
206.290

 15, 31.145,
206.290

 5, 31.145, 206.290

0, 31.145, 206.290

75, 31.145,
206.290

75, 31.145,
206.290

74, 34.453,
206.721

76, 26.967,
206.040

73, 36.846,
207.368

78, 22.004,
205.948

72, 38.330,
208.255

79, 16.360,
205.990

72, 38.980,
209.403

81, 10.151,
206.150

71, 39.117,
210.040

83, 3.488, 206.481

85, 3.525, 26.442

87, 10.797, 26.893

■ 89, 15.893, 28.117

■ 89, 15.433, 31.447

Harmonies

Complementary

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



75, 31.145, 206.290



56, 47.874, 31.065

Rectangle

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



75, 31.145, 206.290



75, 31.145, 256.290



75, 31.145, 26.290



75, 31.145, 76.290

Sweetspot

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



75, 31.145, 206.288



96, 13.408, 206.105



75, 69.442, 141.490



51, 8.911, 206.068



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, 31.145, 206.288



88, 40.590, 206.817



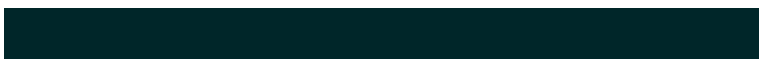
59, 38.641, 273.257



43, 3.895, 206.298



58, 33.334, 209.814



13, 12.947, 206.980

Inverse Universe

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



58, 68.231, 329.708



65, 92.075, 330.284



69, 42.286, 74.904



41, 7.293, 327.134



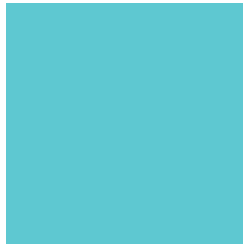
39, 79.653, 331.588



5, 29.308, 330.513

Previews

White Background



This preview shows how the CIE LCh color 75, 31.145, 206.290 looks on a white background.

Color Contrast Check

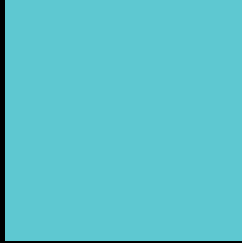
Large Text (above 18pt) WCAG AA × Fail

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, 31.145, 206.290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

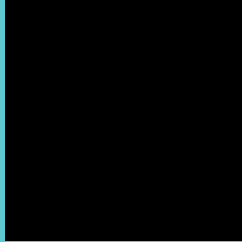
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 31.145, 206.290

Background



This preview shows how black text looks on a background with the CIELCh color 75, 31.145, 206.290.

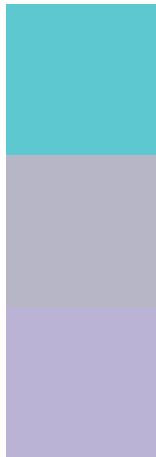


This preview shows how white text looks on a background with the CIELCh color 75, 31.145, 206.290.

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

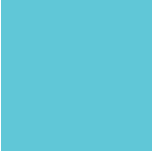
75, 31.145, 206.290

Protanopia

75, 8.672, 293.374

Deuteranopia

75, 19.210, 300.253

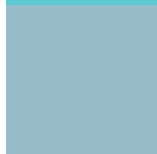


Tritanopia
75, 30.590, 213.949

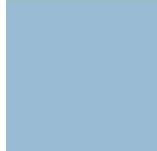
Trichromacy



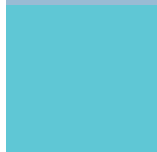
Original Color
75, 31.145, 206.290



Protanomaly
74, 14.469, 227.805



Deuteranomaly
74, 17.285, 250.681

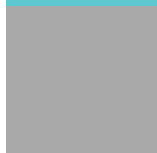


Tritanomaly
75, 30.719, 211.724

Monochromacy



Original Color
75, 31.145, 206.290



Achromatopsia
69, 0.009, 296.813



Achromatomaly
71, 13.366, 207.862

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 31.145, 206.290 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(94, 200, 209)` looks like.

```
.text, #text, p{  
    color:rgb(94, 200, 209)  
}
```

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(94, 200, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 200, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 31.145, 206.290 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(94, 200, 209) }
```

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

```
.border{ border-color:rgb(94, 200, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 200, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 200, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 200, 209);  
box-shadow:4px 4px 4px 4px rgb(94, 200,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 31.145, 206.290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 200, 209) }
```

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

```
.background{ background-color: rgb(94, 200,  
209) }
```

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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