

Converting Colors

CIELCh(73, 27.061, 220.302)

Have a look what the booklet for
CIELCh(73, 27.061, 220.302)
contains.

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Color

CIELCh(73, 27.061, 220.302)

Conversions

Conversions Part 1

Format	Color
Hex	6ABFD2
RGB	106, 191, 210
RGB Percent	42%, 75%, 82%
CMY	0.5829, 0.2496, 0.1751
CMYK	0.49, 0.09, 0.00, 0.18
HSL	191°, 54%, 62%
HSV	191°, 49%, 82%
XYZ	36.3652, 45.1644, 67.9972
YIQ	167.7510, -56.7590, -12.1110

Conversions

Conversions Part 2

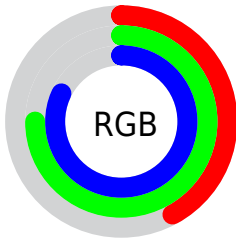
Format	Color
R _{YB}	106, 153, 210
Decimal	6995922
CIE Lab	73.00, -20.64, -17.50
CIE LCh	73, 27.061, 220.302
Yxy	45.1644, 0.2432, 0.3020
Android (android.graphics.Color)	4285186002 (0xFF6ABFD2)
YUV	167.7510, 20.8288, -54.1556
Hunter-Lab	67.2044, -21.0190, -12.9463

Details

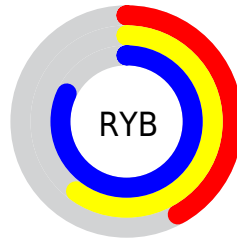
The CIELCh color **73, 27.061, 220.302** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **61, 39.456, 38.341**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 26.517, 205.705**, and **53, 27.041, 221.530** is the 20% darker color. If you saturate the color by 10%, you get **71, 30.724, 221.654**, and if you desaturate by 10%, it is **75, 22.665, 219.293**.

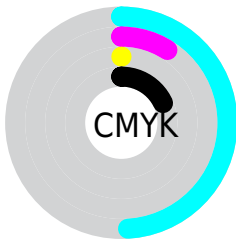
Distribution



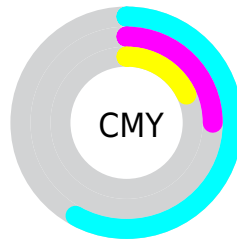
- Red (42%)
- Green (75%)
- Blue (82%)



- Red (42%)
- Yellow (60%)
- Blue (82%)



- Cyan (49%)
- Magenta (9%)
- Yellow (0%)
- Black (18%)





- Cyan (58%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 27.061, 220.302 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 73, 27.061, 220.302 by changing the saturation by 10% instead.


 73, 27.061,
220.302


 73, 27.061,
220.302


 100, 27.061,
220.302


 63, 27.061,
220.302


 93, 27.061,
220.302

 53, 27.061,
220.302

 43, 27.061,
220.302

 33, 27.061,
220.302

 23, 27.061,
220.302

 13, 27.061,
220.302

 3, 27.061, 220.302

0, 27.061, 220.302

73, 27.061,
220.302

73, 27.061,
220.302

71, 30.724,
221.654

75, 22.665,
219.293

69, 33.596,
223.430

77, 17.626,
218.566

68, 35.662,
225.706

80, 12.043,
218.070

66, 36.975,
228.555

82, 6.015, 217.779

65, 37.727,
231.946

84, 0.365, 35.927

65, 37.767,
232.140

87, 7.015, 37.307

90, 13.867, 37.333

■ 91, 13.770, 46.155

■ 92, 13.563, 56.141

Harmonies

Complementary

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



73, 27.061, 220.302



61, 39.456, 38.341

Rectangle

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



73, 27.061, 220.302



73, 27.061, 270.302



73, 27.061, 40.302



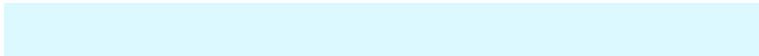
73, 27.061, 90.302

Sweetspot

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



73, 27.060, 220.300



96, 11.005, 217.919



77, 59.121, 145.060



50, 7.461, 217.990



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 27.060, 220.300



85, 35.607, 221.688



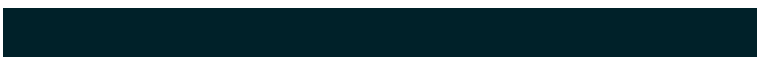
59, 40.010, 280.134



43, 3.599, 217.779



53, 31.967, 231.520



11, 12.218, 223.867

Inverse Universe

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



60, 58.266, 333.142



67, 78.971, 333.862



73, 40.195, 84.578



41, 6.778, 330.480



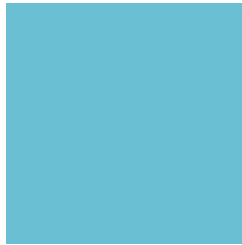
38, 73.506, 337.050



5, 27.018, 334.847

Previews

White Background



This preview shows how the CIELCh color 73, 27.061, 220.302 looks on a white background.

Color Contrast Check

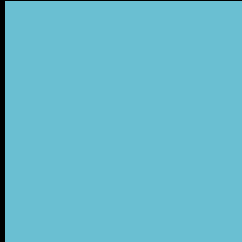
Large Text (above 18pt) WCAG AA × Fail

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 73, 27.061, 220.302 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 73, 27.061, 220.302

Background



This preview shows how black text looks on a background with the CIELCh color 73, 27.061, 220.302.

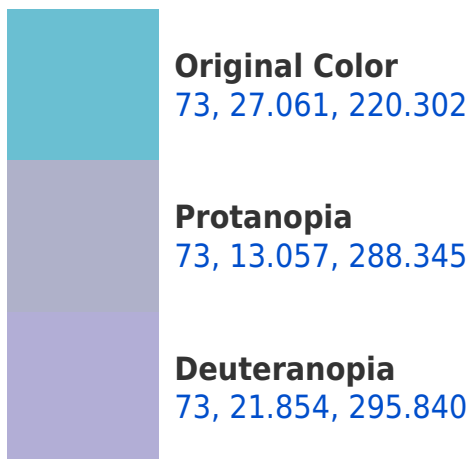


This preview shows how white text looks on a background with the CIELCh color 73, 27.061, 220.302.

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](#).

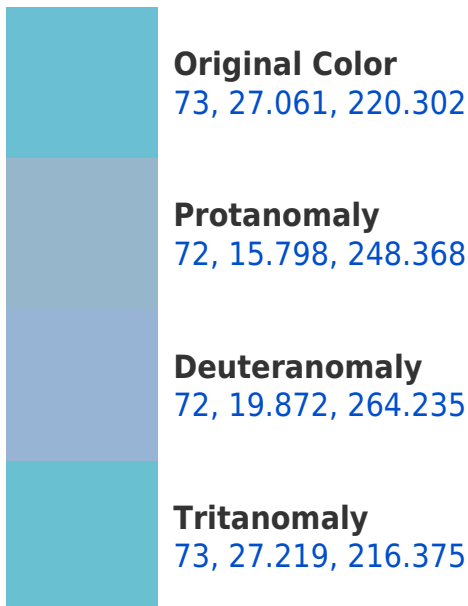
Dichromacy





Tritanopia
73, 27.150, 215.192

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 27.061, 220.302 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(106, 191, 210)` looks like.

```
.text, #text, p{  
    color:rgb(106, 191, 210)  
}
```

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(106, 191, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 191, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 27.061, 220.302 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(106, 191, 210) }
```

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

```
.border{ border-color:rgb(106, 191, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 191, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 191, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 191, 210);  
box-shadow:4px 4px 4px 4px rgb(106, 191,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 27.061, 220.302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 191, 210) }
```

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

```
.background{ background-color: rgb(106,  
191, 210) }
```

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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