

Converting Colors

CIELCh(75, 23.008, 220.387)

Have a look what the booklet for
CIELCh(75, 23.008, 220.387)
contains.

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Color

CIELCh(75, 23.063, 220.125)

Conversions

Conversions Part 1

Format	Color
Hex	7EC3D3
RGB	126, 195, 211
RGB Percent	49%, 76%, 83%
CMY	0.5051, 0.2345, 0.1718
CMYK	0.40, 0.08, 0.00, 0.17
HSL	191°, 49%, 66%
HSV	191°, 40%, 83%
XYZ	39.9719, 48.2781, 68.9658
YIQ	176.1930, -46.2600, -9.6520

Conversions

Conversions Part 2

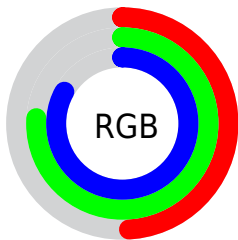
Format	Color
R _Y B	126, 164, 211
Decimal	8307667
CIE Lab	75.00, -17.63, -14.86
CIE LCh	75, 23.063, 220.125
Yxy	48.2781, 0.2542, 0.3071
Android (android.graphics.Color)	4286497747 (0xFF7EC3D3)
YUV	176.1930, 17.1599, -44.0193
Hunter-Lab	69.4824, -18.9068, -10.2114

Details

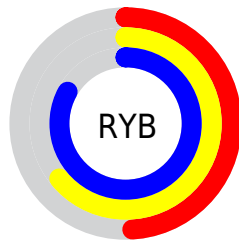
The CIELCh color **75, 23.063, 220.125** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 30.948, 38.349**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 22.451, 202.008**, and **55, 22.949, 219.847** is the 20% darker color. If you saturate the color by 10%, you get **73, 27.413, 221.203**, and if you desaturate by 10%, it is **77, 18.064, 219.335**.

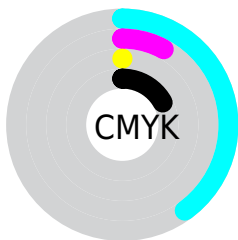
Distribution



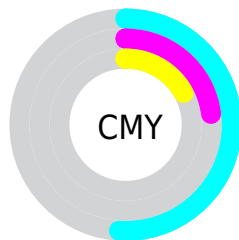
- Red (49%)
- Green (76%)
- Blue (83%)



- Red (49%)
- Yellow (64%)
- Blue (83%)



- Cyan (40%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)





- Cyan (51%)
- Magenta (23%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 23.063, 220.125 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, 23.063, 220.125 by changing the saturation by 10% instead.


 75, 23.063,
220.125


 75, 23.063,
220.125


 100, 23.063,
220.125


 65, 23.063,
220.125


 95, 23.063,
220.125

 55, 23.063,
220.125

 45, 23.063,
220.125

 35, 23.063,
220.125

 25, 23.063,
220.125

 15, 23.063,
220.125

 5, 23.063, 220.125

0, 23.063, 220.125

75, 23.063,
220.125

75, 23.063,
220.125

73, 27.413,
221.203

77, 18.064,
219.335

71, 31.031,
222.647

80, 12.516,
218.786

69, 33.859,
224.530

82, 6.518, 218.448

68, 35.891,
226.934

85, 0.163, 221.615

66, 37.186,
229.929

87, 6.469, 37.909

65, 37.950,
233.363

90, 13.305, 37.912

91, 13.458, 46.960

■ 92, 13.294, 57.528

■ 93, 13.589, 67.969

Harmonies

Complementary

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



75, 23.063, 220.125



66, 30.948, 38.349

Rectangle

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



75, 23.063, 220.125



75, 23.063, 270.125



75, 23.063, 40.125



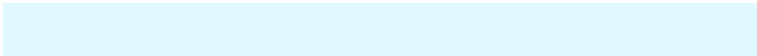
75, 23.063, 90.125

Sweetspot

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



75, 23.063, 220.122



96, 8.851, 218.494



78, 48.220, 146.654



51, 5.850, 218.532



0, 0.000, 0.000



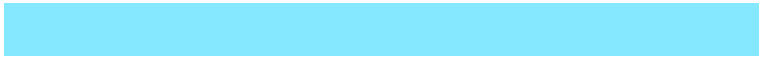
53, 0.007, 296.813

Same Dimension

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



75, 23.063, 220.122



87, 30.793, 220.993



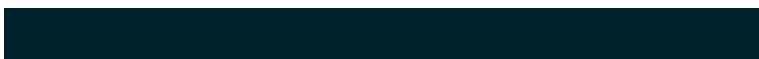
63, 33.124, 279.149



43, 3.588, 218.430



53, 32.016, 232.714



11, 12.208, 224.815

Inverse Universe

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



64, 48.142, 332.717



72, 66.019, 333.292



76, 33.072, 87.221



41, 6.752, 330.671



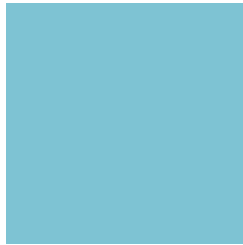
38, 73.205, 337.372



5, 26.902, 335.101

Previews

White Background



This preview shows how the CIE LCh color 75, 23.063, 220.125 looks on a white background.

Color Contrast Check

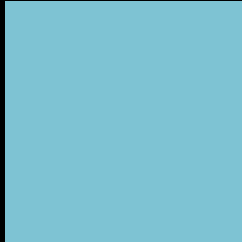
Large Text (above 18pt) WCAG AA × Fail

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, 23.063, 220.125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

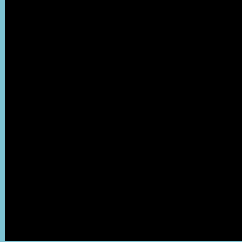
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

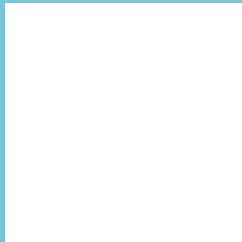
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 23.063, 220.125

Background



This preview shows how black text looks on a background with the CIELCh color 75, 23.063, 220.125.

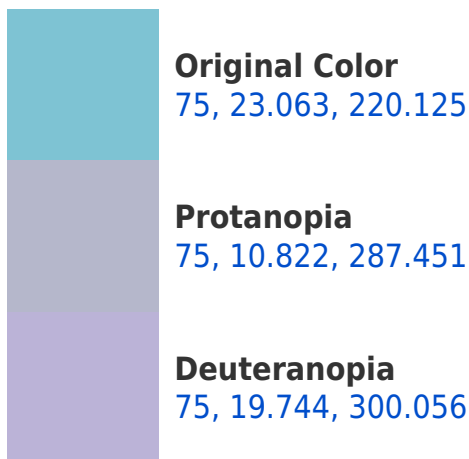


This preview shows how white text looks on a background with the CIELCh color 75, 23.063, 220.125.

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, 23.063, 220.125

Trichromacy



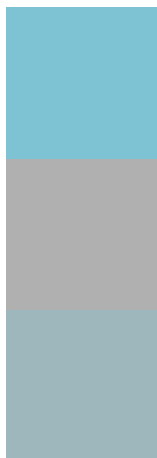
Original Color
75, 23.063, 220.125

Protanomaly
75, 13.359, 249.470

Deuteranomaly
75, 16.865, 268.106

Tritanomaly
75, 23.063, 220.125

Monochromacy



Original Color
75, 23.063, 220.125

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 9.350, 219.279

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 23.063, 220.125 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(126, 195, 211)` looks like.

```
.text, #text, p{  
    color:rgb(126, 195, 211)  
}
```

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(126, 195, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 195, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 23.063, 220.125 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(126, 195, 211) }
```

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

```
.border{ border-color:rgb(126, 195, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 195, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 195, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 195, 211);  
box-shadow:4px 4px 4px 4px rgb(126, 195,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 23.063, 220.125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 195, 211) }
```

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

```
.background{ background-color: rgb(126,  
195, 211) }
```

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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