

Converting Colors

CIELCh(76, 26.028, 224.448)

Have a look what the booklet for
CIELCh(76, 26.028, 224.448)
contains.

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Color

CIELCh(76, 26.060, 223.797)

Conversions

Conversions Part 1

Format	Color
Hex	78C7DC
RGB	120, 199, 220
RGB Percent	47%, 78%, 86%
CMY	0.5302, 0.2204, 0.1381
CMYK	0.45, 0.10, 0.00, 0.14
HSL	193°, 59%, 67%
HSV	193°, 45%, 86%
XYZ	40.9839, 49.8872, 75.0347
YIQ	177.7730, -53.8250, -10.2170

Conversions

Conversions Part 2

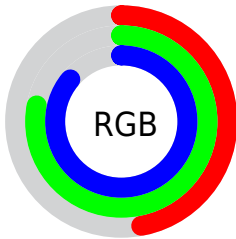
Format	Color
R _Y B	120, 164, 220
Decimal	7915484
CIE Lab	76.00, -18.81, -18.04
CIE LCh	76, 26.060, 223.797
Yxy	49.8872, 0.2470, 0.3007
Android (android.graphics.Color)	4286105564 (0xFF78C7DC)
YUV	177.7730, 20.8179, -50.6669
Hunter-Lab	70.6309, -20.0287, -13.5451

Details

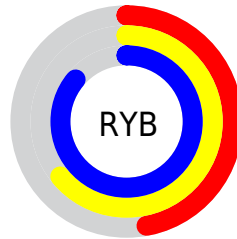
The CIELCh color **76, 26.060, 223.797** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 36.460, 40.544**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 24.830, 197.886**, and **56, 26.078, 223.778** is the 20% darker color. If you saturate the color by 10%, you get **74, 30.178, 225.271**, and if you desaturate by 10%, it is **78, 21.249, 222.681**.

Distribution



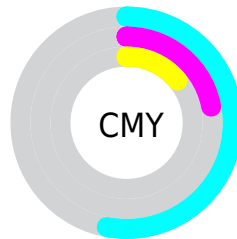
- Red (47%)
- Green (78%)
- Blue (86%)



- Red (47%)
- Yellow (64%)
- Blue (86%)



- Cyan (45%)
- Magenta (10%)
- Yellow (0%)
- Black (14%)





- Cyan (53%)
- Magenta (22%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 26.060, 223.797 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 76, 26.060, 223.797 by changing the saturation by 10% instead.


 76, 26.060,
223.797


 76, 26.060,
223.797


 100, 26.060,
223.797


 66, 26.060,
223.797


 96, 26.060,
223.797

 56, 26.060,
223.797

 46, 26.060,
223.797

 36, 26.060,
223.797

 26, 26.060,
223.797

 16, 26.060,
223.797

 6, 26.060, 223.797

0, 26.060, 223.797

76, 26.060,
223.797

76, 26.060,
223.797

74, 30.178,
225.271

78, 21.249,
222.681

72, 33.536,
227.193

81, 15.839,
221.862

70, 36.106,
229.647

83, 9.928, 221.283

68, 37.924,
232.716

86, 3.613, 220.964

67, 39.109,
236.442

89, 3.018, 40.330

66, 39.552,
238.247

92, 9.891, 40.291

93, 10.562, 53.113

■ 94, 10.823, 68.434

■ 96, 11.799, 82.063

Harmonies

Complementary

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



76, 26.060, 223.797



66, 36.460, 40.544

Rectangle

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



76, 26.060, 223.797



76, 26.060, 273.797



76, 26.060, 43.797



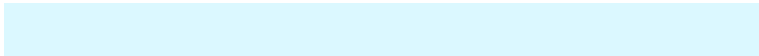
76, 26.060, 93.797

Sweetspot

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



76, 26.059, 223.795



96, 10.157, 221.221



80, 55.311, 146.588



50, 6.970, 221.321



0, 0.000, 0.000



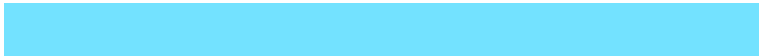
53, 0.007, 296.813

Same Dimension

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



76, 26.059, 223.795



84, 33.747, 225.265



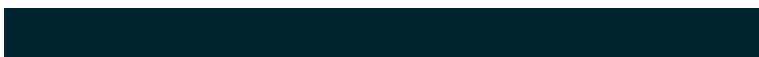
62, 39.759, 281.582



45, 3.689, 221.045



53, 33.068, 237.520



12, 13.104, 229.666

Inverse Universe

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



64, 54.967, 333.937



69, 73.250, 334.686



78, 39.221, 87.803



43, 6.915, 331.441



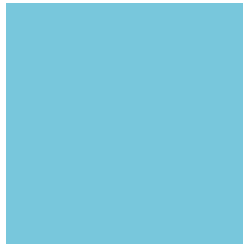
39, 73.623, 338.708



6, 29.810, 336.527

Previews

White Background



This preview shows how the CIE LCh color 76, 26.060, 223.797 looks on a white background.

Color Contrast Check

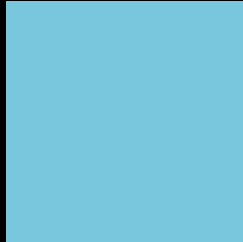
Large Text (above 18pt) WCAG AA × Fail

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 76, 26.060, 223.797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

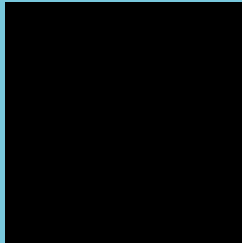
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 26.060, 223.797

Background



This preview shows how black text looks on a background with the CIELCh color 76, 26.060, 223.797.



This preview shows how white text looks on a background with the CIELCh color 76, 26.060, 223.797.

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

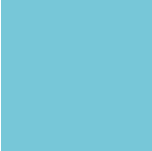
76, 26.060, 223.797

Protanopia

76, 14.042, 287.223

Deuteranopia

76, 22.213, 295.725



Tritanopia
76, 25.784, 218.757

Trichromacy



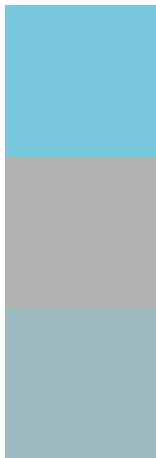
Original Color
76, 26.060, 223.797

Protanomaly
75, 16.283, 251.871

Deuteranomaly
75, 19.953, 266.497

Tritanomaly
76, 25.892, 219.972

Monochromacy



Original Color
76, 26.060, 223.797

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 10.738, 219.485

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 26.060, 223.797 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(120, 199, 220)` looks like.

```
.text, #text, p{  
    color:rgb(120, 199, 220)  
}
```

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(120, 199, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 199, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 26.060, 223.797 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(120, 199, 220) }
```

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

```
.border{ border-color:rgb(120, 199, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 199, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 199, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 199, 220); box-shadow:4px 4px 4px 4px rgb(120, 199, 220) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 26.060, 223.797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 199, 220) }
```

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

```
.background{ background-color: rgb(120,  
199, 220) }
```

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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