

Converting Colors

CIELCh(77, 29.626, 220.692)

Have a look what the booklet for
CIELCh(77, 29.626, 220.692)
contains.

CIELCh(77, 29.556, 221.424)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(77, 29.556, 221.424)

Conversions

Conversions Part 1

Format	Color
Hex	6CCBE1
RGB	108, 203, 225
RGB Percent	42%, 80%, 88%
CMY	0.5751, 0.2026, 0.1163
CMYK	0.52, 0.10, 0.00, 0.12
HSL	191°, 66%, 65%
HSV	191°, 52%, 88%
XYZ	41.2966, 51.5317, 79.2433
YIQ	177.1030, -63.6820, -13.2980

Conversions

Conversions Part 2

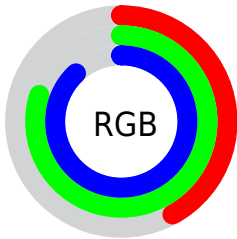
Format	Color
R _{YB}	108, 160, 225
Decimal	7130081
CIE Lab	77.00, -22.16, -19.56
CIE LCh	77, 29.556, 221.424
Yxy	51.5317, 0.2400, 0.2995
Android (android.graphics.Color)	4285320161 (0xFF6CCBE1)
YUV	177.1030, 23.6132, -60.6033
Hunter-Lab	71.7856, -22.9379, -15.1996

Details

The CIELCh color **77, 29.556, 221.424** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **64, 44.132, 38.970**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 27.559, 197.719**, and **57, 29.627, 221.310** is the 20% darker color. If you saturate the color by 10%, you get **75, 33.214, 222.947**, and if you desaturate by 10%, it is **79, 25.106, 220.276**.

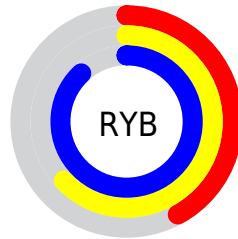
Distribution



Red (42%)

Green (80%)

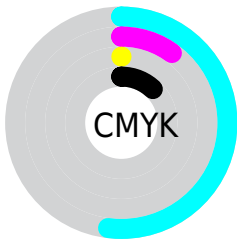
Blue (88%)



Red (42%)

Yellow (63%)

Blue (88%)

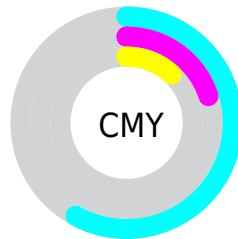


Cyan (52%)

Magenta (10%)

Yellow (0%)

Black (12%)



Cyan (58%)

Magenta (20%)

Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 29.556, 221.424 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 77, 29.556, 221.424 by changing the saturation by 10% instead.

 77, 29.556,
221.424

 77, 29.556,
221.424

 100, 29.556,
221.424

 67, 29.556,
221.424


 97, 29.556,
221.424

 57, 29.556,
221.424

 47, 29.556,
221.424

 37, 29.556,
221.424

 27, 29.556,
221.424

 17, 29.556,
221.424

 7, 29.556, 221.424

0, 29.556, 221.424

77, 29.556,
221.424

77, 29.556,
221.424

75, 33.214,
222.947

79, 25.106,
220.276

73, 36.031,
224.930

81, 19.954,
219.438

72, 38.011,
227.454

84, 14.201,
218.849

70, 39.236,
230.582

86, 7.953, 218.472

69, 39.853,
233.494

89, 1.311, 218.593

92, 5.636, 37.889

94, 8.948, 45.833

■ 95, 8.895, 62.794

■ 96, 9.597, 78.526

Harmonies

Complementary

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



77, 29.556, 221.424



64, 44.132, 38.970

Rectangle

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



77, 29.556, 221.424



77, 29.556, 271.424



77, 29.556, 41.424



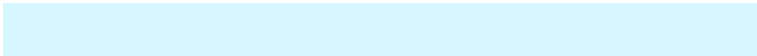
77, 29.556, 91.424

Sweetspot

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



77, 29.555, 221.422



95, 11.669, 218.605



81, 64.590, 145.246



50, 7.830, 218.684



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 29.555, 221.422



84, 36.649, 223.037



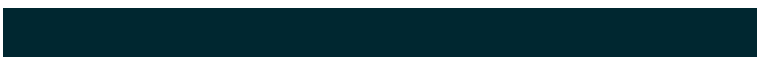
61, 45.584, 282.060



46, 3.802, 218.415



55, 33.091, 232.819



14, 13.543, 226.162

Inverse Universe

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



63, 64.066, 333.540



66, 81.750, 334.305



78, 45.186, 85.561



44, 7.157, 330.671



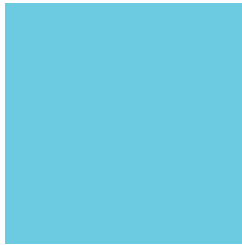
40, 75.625, 337.401



7, 31.632, 335.634

Previews

White Background



This preview shows how the CIELCh color 77, 29.556, 221.424 looks on a white background.

Color Contrast Check

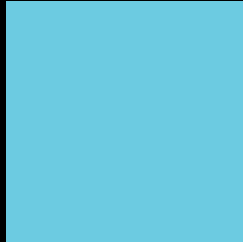
Large Text (above 18pt) WCAG AA × Fail

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 77, 29.556, 221.424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

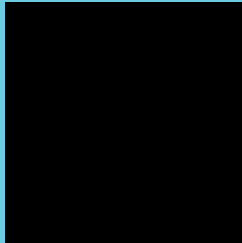
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 29.556, 221.424

Background



This preview shows how black text looks on a background with the CIELCh color 77, 29.556, 221.424.



This preview shows how white text looks on a background with the CIELCh color 77, 29.556, 221.424.

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

77, 29.556, 221.424

Protanopia

77, 14.535, 287.415

Deuteranopia

77, 23.717, 293.959



Tritanopia
77, 29.521, 215.703

Trichromacy



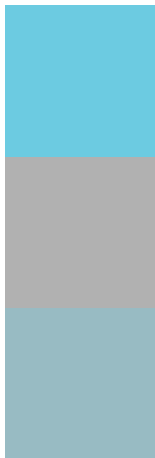
Original Color
77, 29.556, 221.424

Protanomaly
77, 17.791, 248.173

Deuteranomaly
76, 21.864, 261.864

Tritanomaly
77, 29.668, 217.856

Monochromacy



Original Color
77, 29.556, 221.424

Achromatopsia
72, 0.009, 296.813

Achromatomaly
74, 12.722, 218.588

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 29.556, 221.424 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(108, 203, 225)` looks like.

```
.text, #text, p{  
    color:rgb(108, 203, 225)  
}
```

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(108, 203, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 203, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 29.556, 221.424 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(108, 203, 225) }
```

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

```
.border{ border-color:rgb(108, 203, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 203, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 203, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 203, 225);  
box-shadow:4px 4px 4px 4px rgb(108, 203,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 29.556, 221.424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 203, 225) }
```

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

```
.background{ background-color: rgb(108,  
203, 225) }
```

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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