

Converting Colors

CIELCh(79, 29.731, 227.066)

Have a look what the booklet for
CIELCh(79, 29.731, 227.066)
contains.

CIELCh(79, 29.723, 227.096)	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(79, 29.723, 227.096)

Conversions

Conversions Part 1

Format	Color
Hex	74D0EB
RGB	116, 208, 235
RGB Percent	45%, 82%, 92%
CMY	0.5444, 0.1836, 0.0777
CMYK	0.51, 0.11, 0.00, 0.08
HSL	194°, 75%, 69%
HSV	194°, 51%, 92%
XYZ	44.8444, 54.9284, 86.9679
YIQ	183.5700, -63.4990, -11.1070

Conversions

Conversions Part 2

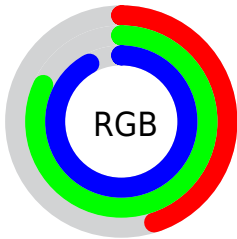
Format	Color
R _Y B	116, 168, 235
Decimal	7655659
CIE Lab	79.00, -20.23, -21.77
CIE LCh	79, 29.723, 227.096
Yxy	54.9284, 0.2401, 0.2941
Android (android.graphics.Color)	4285845739 (0xFF74D0EB)
YUV	183.5700, 25.3550, -59.2589
Hunter-Lab	74.1137, -21.6929, -17.6936

Details

The CIELCh color **79, 29.723, 227.096** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **69, 43.344, 42.257**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 25.386, 197.852**, and **59, 29.722, 227.477** is the 20% darker color. If you saturate the color by 10%, you get **77, 33.704, 228.977**, and if you desaturate by 10%, it is **82, 24.993, 225.647**.

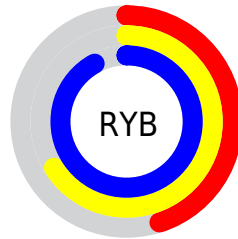
Distribution



Red (45%)

Green (82%)

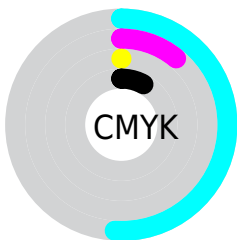
Blue (92%)



Red (45%)

Yellow (66%)

Blue (92%)

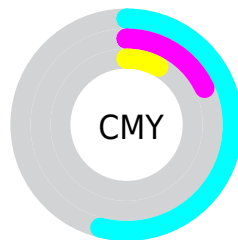


Cyan (51%)

Magenta (11%)

Yellow (0%)

Black (8%)



Cyan (54%)


Magenta (18%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 29.723, 227.096 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 79, 29.723, 227.096 by changing the saturation by 10% instead.

 79, 29.723,
227.096

 79, 29.723,
227.096


 100, 29.723,
227.096


 69, 29.723,
227.096


 99, 29.723,
227.096

 59, 29.723,
227.096

 49, 29.723,
227.096

 39, 29.723,
227.096

 29, 29.723,
227.096

 19, 29.723,
227.096

 9, 29.723, 227.096

0, 29.723, 227.096

79, 29.723,
227.096

79, 29.723,
227.096

77, 33.704,
228.977

82, 24.993,
225.647

74, 36.890,
231.386

84, 19.599,
224.552

72, 39.293,
234.411

87, 13.638,
223.742

71, 41.003,
238.113

90, 7.213, 223.178

69, 42.202,
242.130

93, 0.418, 224.108

96, 5.899, 45.345

97, 6.259, 76.764

■ 99, 8.091, 98.975

■ 100, 10.035,
109.418

Harmonies

Complementary

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



79, 29.723, 227.096



69, 43.344, 42.257

Rectangle

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



79, 29.723, 227.096



79, 29.723, 277.096



79, 29.723, 47.096



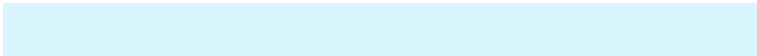
79, 29.723, 97.096

Sweetspot

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



79, 29.722, 227.094



95, 10.776, 223.400



85, 63.714, 146.484



50, 7.309, 223.522



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 29.722, 227.094



82, 36.087, 229.122



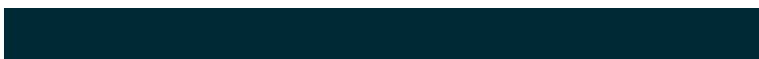
63, 48.079, 284.028



48, 3.870, 223.131



54, 34.581, 241.317



15, 14.506, 234.142

Inverse Universe

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



66, 63.169, 335.032



66, 78.698, 335.906



82, 46.694, 88.362



46, 7.221, 332.063



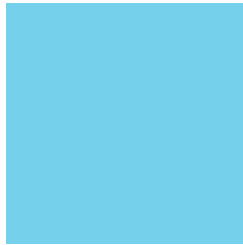
41, 75.047, 339.820



8, 32.928, 337.762

Previews

White Background



This preview shows how the CIELCh color 79, 29.723, 227.096 looks on a white background.

Color Contrast Check

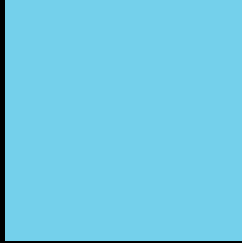
Large Text (above 18pt) WCAG AA × Fail

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 79, 29.723, 227.096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

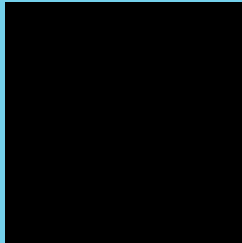
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 29.723, 227.096

Background



This preview shows how black text looks on a background with the CIELCh color 79, 29.723, 227.096.



This preview shows how white text looks on a background with the CIELCh color 79, 29.723, 227.096.

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](#).

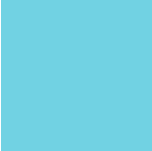
Dichromacy



Original Color
79, 29.723, 227.096

Protanopia
79, 17.146, 287.157

Deuteranopia
79, 26.259, 293.239

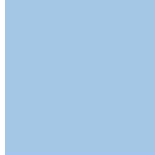


Tritanopia
79, 29.585, 215.586

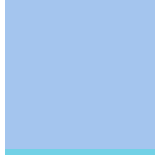
Trichromacy



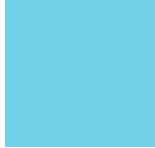
Original Color
79, 29.723, 227.096



Protanomaly
79, 19.492, 254.671



Deuteranomaly
78, 23.939, 266.090

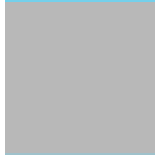


Tritanomaly
79, 29.504, 220.200

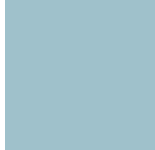
Monochromacy



Original Color
79, 29.723, 227.096



Achromatopsia
75, 0.009, 296.813



Achromatomaly
76, 12.700, 223.849

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 29.723, 227.096 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(116, 208, 235)` looks like.

```
.text, #text, p{  
    color:rgb(116, 208, 235)  
}
```

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(116, 208, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 208, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 29.723, 227.096 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(116, 208, 235) }
```

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

```
.border{ border-color:rgb(116, 208, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 208, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 208, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 208, 235);  
box-shadow:4px 4px 4px 4px rgb(116, 208,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 29.723, 227.096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 208, 235) }
```

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

```
.background{ background-color: rgb(116,  
208, 235) }
```

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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