

Converting Colors

CIELCh(78, 29.441, 234.641)

Have a look what the booklet for
CIELCh(78, 29.441, 234.641)
contains.

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Color

CIELCh(78, 29.609, 234.990)

Conversions

Conversions Part 1

Format	Color
Hex	77CCED
RGB	119, 204, 237
RGB Percent	47%, 80%, 93%
CMY	0.5334, 0.2001, 0.0707
CMYK	0.50, 0.14, 0.00, 0.07
HSL	197°, 77%, 70%
HSV	197°, 50%, 93%
XYZ	44.4780, 53.2120, 88.0340
YIQ	182.3470, -61.2530, -7.7570

Conversions

Conversions Part 2

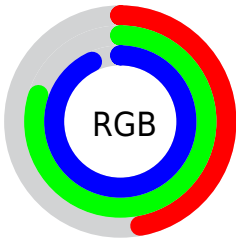
Format	Color
RYB	119, 168, 237
Decimal	7851245
CIELab	78.00, -16.99, -24.25
CIELCh	78, 29.609, 234.990
Yxy	53.2120, 0.2395, 0.2865
Android (android.graphics.Color)	4286041325 (0xFF77CCED)
YUV	182.3470, 26.9439, -55.5553
Hunter-Lab	72.9466, -18.8190, -20.4903

Details

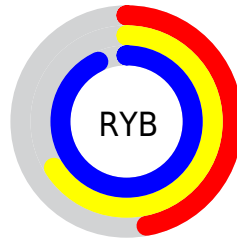
The CIELCh color **78, 29.609, 234.990** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **71, 41.730, 47.105**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 24.830, 197.886**, and **58, 29.547, 234.658** is the 20% darker color. If you saturate the color by 10%, you get **75, 33.927, 237.319**, and if you desaturate by 10%, it is **81, 24.643, 233.151**.

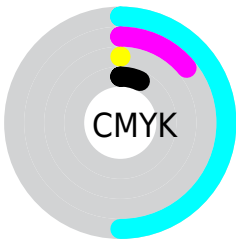
Distribution



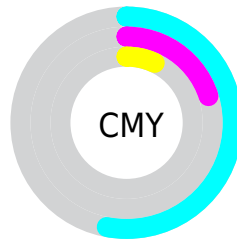
- Red (47%)
- Green (80%)
- Blue (93%)



- Red (47%)
- Yellow (66%)
- Blue (93%)



- Cyan (50%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (53%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 29.609, 234.990 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 78, 29.609, 234.990 by changing the saturation by 10% instead.

■ 78, 29.609,
234.990

■ 78, 29.609,
234.990

■ 100, 29.609,
234.990

■ 68, 29.609,
234.990

■ 98, 29.609,
234.990

■ 58, 29.609,
234.990

■ 48, 29.609,
234.990

■ 38, 29.609,
234.990

■ 28, 29.609,
234.990

■ 18, 29.609,
234.990

■ 8, 29.609, 234.990

0, 29.609, 234.990

78, 29.609,
234.990

78, 29.609,
234.990

75, 33.927,
237.319

81, 24.643,
233.151

73, 37.569,
240.238

84, 19.100,
231.716

70, 40.563,
243.827

87, 13.064,
230.609

68, 43.019,
248.122

90, 6.623, 229.784

66, 45.174,
252.983

94, 0.141, 44.877

97, 5.291, 60.145

66, 45.221,
253.085

98, 6.986, 95.916

100, 9.120,
109.486

Harmonies

Complementary

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



78, 29.609, 234.990



71, 41.730, 47.105

Rectangle

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



78, 29.609, 234.990



78, 29.609, 284.990



78, 29.609, 54.990



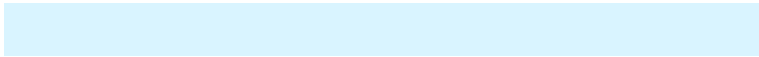
78, 29.609, 104.990

Sweetspot

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



78, 29.608, 234.989



95, 10.636, 230.184



85, 60.816, 148.315



50, 7.218, 230.367



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 29.608, 234.989



80, 36.050, 237.437



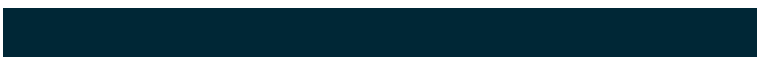
62, 50.848, 286.932



47, 3.814, 229.763



51, 36.708, 252.145



14, 14.968, 243.829

Inverse Universe

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



66, 60.512, 337.264



66, 75.076, 338.257



85, 48.077, 92.147



46, 6.955, 334.081



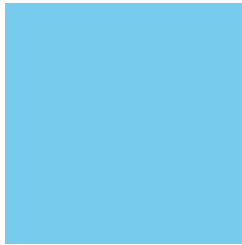
40, 72.350, 343.382



8, 31.866, 340.590

Previews

White Background



This preview shows how the CIELCh color 78, 29.609, 234.990 looks on a white background.

Color Contrast Check

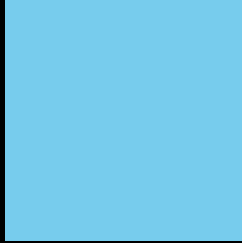
Large Text (above 18pt) WCAG AA × Fail

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 78, 29.609, 234.990 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 78, 29.609, 234.990

Background



This preview shows how black text looks on a background with the CIELCh color 78, 29.609, 234.990.



This preview shows how white text looks on a background with the CIELCh color 78, 29.609, 234.990.

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



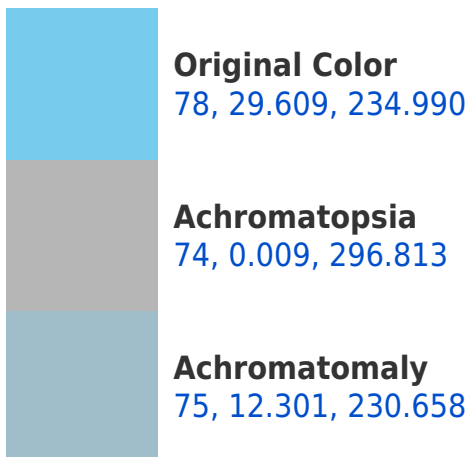


Tritanopia
78, 28.487, 216.424

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 29.609, 234.990 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(119, 204, 237)` looks like.

```
.text, #text, p{  
    color:rgb(119, 204, 237)  
}
```

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(119, 204, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 204, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 29.609, 234.990 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(119, 204, 237) }
```

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

```
.border{ border-color:rgb(119, 204, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 204, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 204, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 204, 237);  
box-shadow:4px 4px 4px 4px rgb(119, 204,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 29.609, 234.990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 204, 237) }
```

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

```
.background{ background-color: rgb(119,  
204, 237) }
```

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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