

Converting Colors

CIELCh(80, 17.597, 236.041)

Have a look what the booklet for
CIELCh(80, 17.597, 236.041)
contains.

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Color

CIELCh(80, 17.606, 236.058)

Conversions

Conversions Part 1

Format	Color
Hex	A1CDE1
RGB	161, 205, 225
RGB Percent	63%, 80%, 88%
CMY	0.3686, 0.1960, 0.1176
CMYK	0.28, 0.09, 0.00, 0.12
HSL	199°, 52%, 76%
HSV	199°, 28%, 88%
XYZ	50.1248, 56.6813, 79.5389
YIQ	194.1240, -32.6440, -3.1080

Conversions

Conversions Part 2

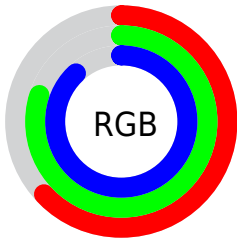
Format	Color
RYB	161, 187, 225
Decimal	10604001
CIELab	80.00, -9.83, -14.61
CIELCh	80, 17.606, 236.058
Yxy	56.6813, 0.2690, 0.3042
Android (android.graphics.Color)	4288794081 (0xFFA1CDE1)
YUV	194.1240, 15.2219, -29.0497
Hunter-Lab	75.2870, -12.9100, -9.9375

Details

The CIELCh color $80, 17.606, 236.058$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $77, 20.796, 51.222$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 12.771, 198.653$, and $60, 17.560, 236.323$ is the 20% darker color. If you saturate the color by 10%, you get $77, 23.084, 237.629$, and if you desaturate by 10%, it is $83, 11.712, 234.815$.

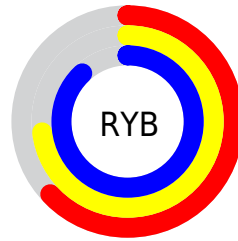
Distribution



Red (63%)

Green (80%)

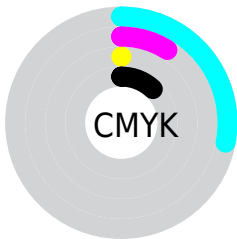
Blue (88%)



Red (63%)

Yellow (73%)

Blue (88%)

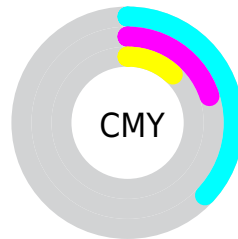


Cyan (28%)

Magenta (9%)

Yellow (0%)

Black (12%)



Cyan (37%)

Magenta (20%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 17.606, 236.058 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 80, 17.606, 236.058 by changing the saturation by 10% instead.

■ 80, 17.606,
236.058

■ 80, 17.606,
236.058

■ 100, 17.606,
236.058

■ 70, 17.606,
236.058

■ 60, 17.606,
236.058

■ 50, 17.606,
236.058

■ 40, 17.606,
236.058

■ 30, 17.606,
236.058

■ 20, 17.606,
236.058

■ 10, 17.606,

236.058

0, 17.606, 236.058

80, 17.606,
236.058

80, 17.606,
236.058

77, 23.084,
237.629

83, 11.712,
234.815

74, 28.076,
239.617

87, 5.479, 233.876

71, 32.524,
242.105

90, 1.023, 52.458

94, 7.731, 52.297

68, 36.405,
245.185

96, 9.444, 74.500

66, 39.750,
248.930

97, 11.630, 95.110

99, 14.792,

■ 63, 42.661,
253.359

107.966

■ 61, 45.339,
258.352

■ 99, 15.173,
109.031

■ 61, 45.769,
259.125

Harmonies

Complementary

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



80, 17.606, 236.058



77, 20.796, 51.222

Rectangle

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



80, 17.606, 236.058



80, 17.606, 286.058



80, 17.606, 56.058



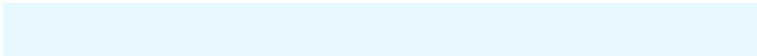
80, 17.606, 106.058

Sweetspot

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



80, 17.605, 236.053



97, 6.457, 233.924



84, 33.083, 152.002



51, 4.473, 234.045



0, 0.000, 0.000



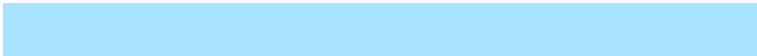
53, 0.007, 296.813

Same Dimension

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



80, 17.605, 236.053



87, 22.901, 236.921



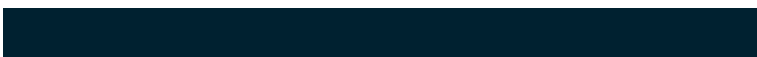
72, 28.088, 284.392



45, 3.670, 233.955



48, 37.761, 258.208



11, 14.407, 248.445

Inverse Universe

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



73, 33.145, 336.879



79, 43.781, 337.361



85, 27.179, 97.074



44, 6.550, 335.415



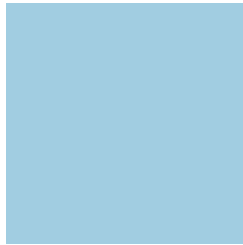
39, 69.385, 345.732



7, 29.151, 342.129

Previews

White Background



This preview shows how the CIELCh color 80, 17.606, 236.058 looks on a white background.

Color Contrast Check

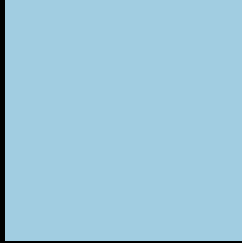
Large Text (above 18pt) WCAG AA × Fail

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 80, 17.606, 236.058 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 80, 17.606, 236.058

Background



This preview shows how black text looks on a background with the CIELCh color 80, 17.606, 236.058.



This preview shows how white text looks on a background with the CIELCh color 80, 17.606, 236.058.

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
80, 17.118, 228.520

Trichromacy



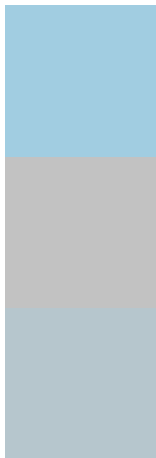
Original Color
80, 17.606, 236.058

Protanomaly
80, 13.285, 267.013

Deuteranomaly
80, 16.216, 280.747

Tritanomaly
80, 17.338, 230.167

Monochromacy



Original Color
80, 17.606, 236.058

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 6.713, 233.053

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 17.606, 236.058 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(161, 205, 225)` looks like.

```
.text, #text, p{  
    color:rgb(161, 205, 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(161, 205, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 205, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 17.606, 236.058 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(161, 205, 225) }
```

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

```
.border{ border-color:rgb(161, 205, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 205, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 205, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 205, 225);  
box-shadow:4px 4px 4px 4px rgb(161, 205,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 17.606, 236.058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 205, 225) }
```

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

```
.background{ background-color: rgb(161,  
205, 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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