

Converting Colors

CIELCh(80, 20.403, 228.209)

Have a look what the booklet for
CIELCh(80, 20.403, 228.209)
contains.

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Color

CIELCh(80, 20.282, 228.463)

Conversions

Conversions Part 1

Format	Color
Hex	97CFE2
RGB	151, 207, 226
RGB Percent	59%, 81%, 89%
CMY	0.4079, 0.1883, 0.1138
CMYK	0.33, 0.08, 0.00, 0.11
HSL	195°, 56%, 74%
HSV	195°, 33%, 89%
XYZ	48.7897, 56.6813, 80.3039
YIQ	192.4220, -39.4750, -5.9630

Conversions

Conversions Part 2

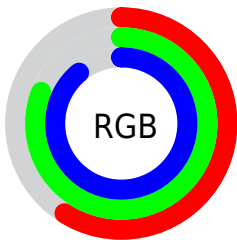
Format	Color
RYB	151, 183, 226
Decimal	9949154
CIELab	80.00, -13.45, -15.18
CIELCh	80, 20.282, 228.463
Yxy	56.6813, 0.2626, 0.3051
Android (android.graphics.Color)	4288139234 (0xFF97CFE2)
YUV	192.4220, 16.5540, -36.3271
Hunter-Lab	75.2870, -16.0753, -10.5400

Details

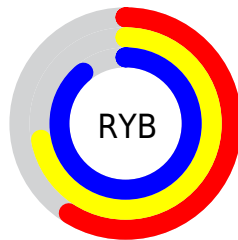
The CIELCh color **80, 20.282, 228.463** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **74, 25.302, 44.673**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 15.940, 198.446**, and **60, 20.349, 228.249** is the 20% darker color. If you saturate the color by 10%, you get **77, 25.381, 229.829**, and if you desaturate by 10%, it is **83, 14.645, 227.415**.

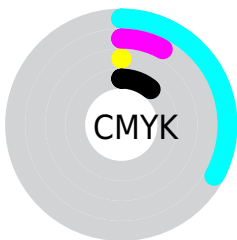
Distribution



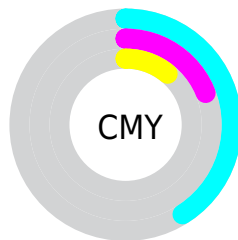
- Red (59%)
- Green (81%)
- Blue (89%)



- Red (59%)
- Yellow (72%)
- Blue (89%)



- Cyan (33%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)





- Cyan (41%)
- Magenta (19%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 20.282, 228.463 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, 20.282, 228.463 by changing the saturation by 10% instead.


 80, 20.282,
228.463

 80, 20.282,
228.463


 100, 20.282,
228.463


 70, 20.282,
228.463

 60, 20.282,
228.463

 50, 20.282,
228.463

 40, 20.282,
228.463

 30, 20.282,
228.463

 20, 20.282,
228.463

 10, 20.282,

228.463

0, 20.282, 228.463

80, 20.282,
228.463

80, 20.282,
228.463

77, 25.381,
229.829

83, 14.645,
227.415

75, 29.857,
231.601

86, 8.561, 226.642

89, 2.119, 226.244

72, 33.645,
233.865

92, 4.602, 45.400

70, 36.720,
236.715

95, 8.623, 54.521

68, 39.123,
240.233

96, 9.279, 76.999

97, 11.094, 94.185

■ 66, 40.973,
244.450

■ 99, 13.599,
105.722

■ 65, 42.075,
247.606

■ 99, 14.684,
109.068

Harmonies

Complementary

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



80, 20.282, 228.463



74, 25.302, 44.673

Rectangle

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



80, 20.282, 228.463



80, 20.282, 278.463



80, 20.282, 48.463



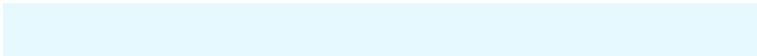
80, 20.282, 98.463

Sweetspot

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



80, 20.282, 228.459



97, 7.215, 226.455



84, 40.161, 149.659



51, 4.906, 226.536



0, 0.000, 0.000



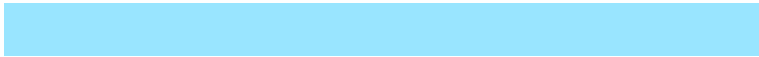
53, 0.007, 296.813

Same Dimension

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



80, 20.282, 228.459



87, 26.243, 229.391



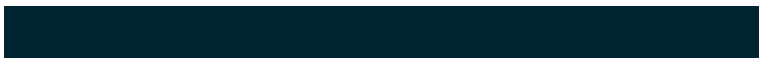
70, 31.156, 282.253



46, 3.699, 226.421



51, 34.730, 246.744



13, 13.752, 238.035

Inverse Universe

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



71, 40.356, 334.760



76, 53.337, 335.308



84, 30.403, 93.151



44, 6.832, 333.050



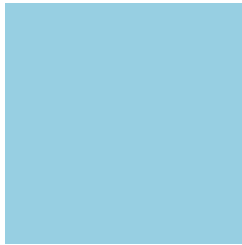
39, 72.140, 341.522



7, 30.282, 338.861

Previews

White Background



This preview shows how the CIELCh color 80, 20.282, 228.463 looks on a white background.

Color Contrast Check

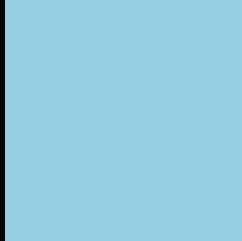
Large Text (above 18pt) WCAG AA × Fail

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, 20.282, 228.463 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, 20.282, 228.463

Background



This preview shows how black text looks on a background with the CIELCh color 80, 20.282, 228.463.



This preview shows how white text looks on a background with the CIELCh color 80, 20.282, 228.463.

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

80, 20.282, 228.463

Protanopia

80, 12.272, 289.650

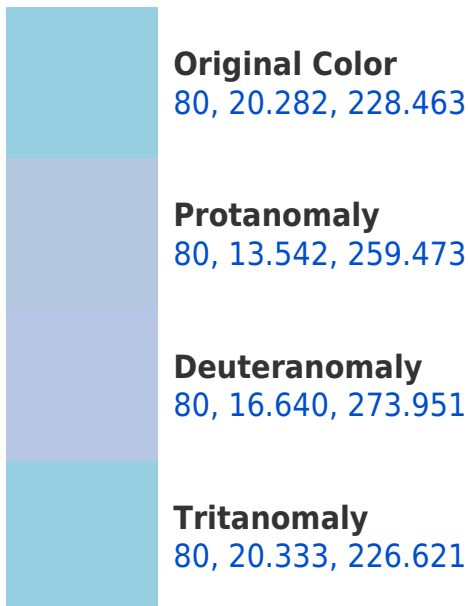
Deuteranopia

80, 19.530, 300.982

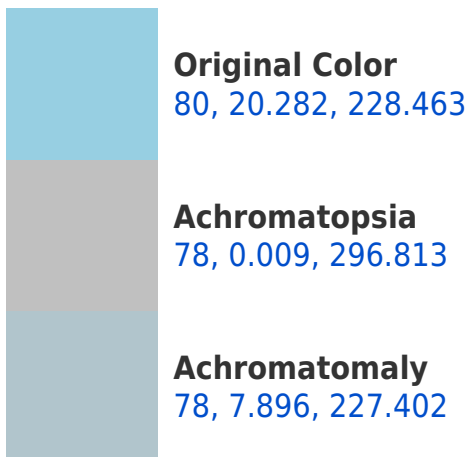


Tritanopia
80, 20.150, 225.167

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 20.282, 228.463 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(151, 207, 226)` looks like.

```
.text, #text, p{  
    color:rgb(151, 207, 226)  
}
```

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(151, 207, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 207, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 20.282, 228.463 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(151, 207, 226) }
```

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

```
.border{ border-color:rgb(151, 207, 226) }
```

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

Here you see how a box with a 4 pixel rgb(151, 207, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 207, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 207, 226);  
box-shadow:4px 4px 4px 4px rgb(151, 207,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 20.282, 228.463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 207, 226) }
```

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

```
.background{ background-color: rgb(151,  
207, 226) }
```

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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