

Converting Colors

CIELCh(71, 27.595, 258.241)

Have a look what the booklet for
CIELCh(71, 27.595, 258.241)
contains.

CIELCh(71, 27.508, 257.955)	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(71, 27.508, 257.955)

Conversions

Conversions Part 1

Format	Color
Hex	80B3DE
RGB	128, 179, 222
RGB Percent	50%, 70%, 87%
CMY	0.4974, 0.2974, 0.1288
CMYK	0.42, 0.19, 0.00, 0.13
HSL	207°, 59%, 69%
HSV	207°, 42%, 87%
XYZ	38.2846, 42.1875, 75.3479
YIQ	168.6530, -44.1990, 2.5610

Conversions

Conversions Part 2

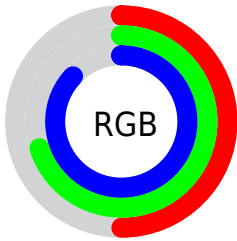
Format	Color
RYB	128, 161, 222
Decimal	8434654
CIELab	71.00, -5.74, -26.90
CIELCh	71, 27.508, 257.955
Yxy	42.1875, 0.2457, 0.2707
Android (android.graphics.Color)	4286624734 (0xFF80B3DE)
YUV	168.6530, 26.3001, -35.6527
Hunter-Lab	64.9519, -8.4526, -23.3134

Details

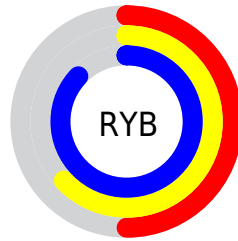
The CIELCh color **71, 27.508, 257.955** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74, 32.149, 65.754**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 19.053, 231.770**, and **51, 27.742, 258.846** is the 20% darker color. If you saturate the color by 10%, you get **67, 33.508, 260.651**, and if you desaturate by 10%, it is **75, 21.286, 255.706**.

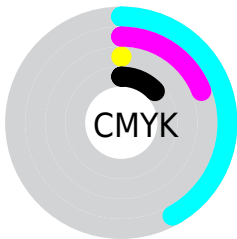
Distribution



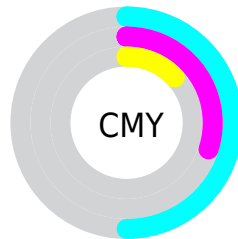
- Red (50%)
- Green (70%)
- Blue (87%)



- Red (50%)
- Yellow (63%)
- Blue (87%)



- Cyan (42%)
- Magenta (19%)
- Yellow (0%)
- Black (13%)





- Cyan (50%)
- Magenta (30%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 27.508, 257.955 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 71, 27.508, 257.955 by changing the saturation by 10% instead.


 71, 27.508,
257.955


 71, 27.508,
257.955


 100, 27.508,
257.955


 61, 27.508,
257.955


 91, 27.508,
257.955

 51, 27.508,
257.955

 41, 27.508,
257.955

 31, 27.508,
257.955

 21, 27.508,
257.955

 11, 27.508,
257.955

 1, 27.508, 257.955

0, 27.508, 257.955

71, 27.508,
257.955

71, 27.508,
257.955

67, 33.508,
260.651

75, 21.286,
255.706

63, 39.294,
263.857

79, 14.868,
253.841

60, 44.903,
267.605

83, 8.284, 252.304

88, 1.573, 251.222

56, 50.423,
271.871


92, 5.230, 69.765

53, 55.979,
276.542

96, 10.677, 78.710

51, 60.380,
280.190

98, 14.379,
102.208

 99, 16.608,
108.922

Harmonies

Complementary

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



71, 27.508, 257.955



74, 32.149, 65.754

Rectangle

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



71, 27.508, 257.955



71, 27.508, 307.955



71, 27.508, 77.955



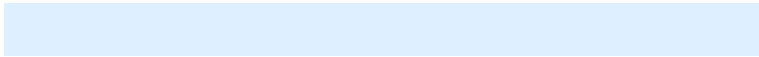
71, 27.508, 127.955

Sweetspot

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



71, 27.507, 257.954



94, 9.775, 252.414



82, 42.779, 156.907



49, 6.826, 252.734



0, 0.000, 0.000



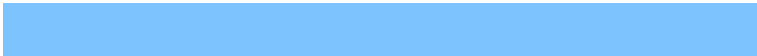
53, 0.007, 296.813

Same Dimension

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



71, 27.507, 257.954



77, 36.584, 260.383



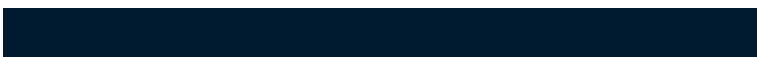
59, 50.603, 294.111



45, 3.862, 251.922



40, 49.995, 279.386



9, 17.665, 269.744

Inverse Universe

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



65, 44.175, 345.484



69, 58.807, 346.682



85, 45.746, 103.817



44, 5.914, 342.147



38, 64.804, 357.875



6, 26.908, 351.590

Previews

White Background



This preview shows how the CIELCh color 71, 27.508, 257.955 looks on a white background.

Color Contrast Check

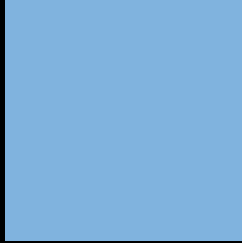
Large Text (above 18pt) WCAG AA × Fail

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 71, 27.508, 257.955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

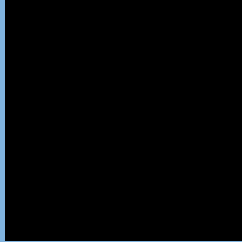
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

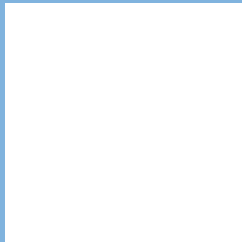
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 27.508, 257.955

Background



This preview shows how black text looks on a background with the CIELCh color 71, 27.508, 257.955.

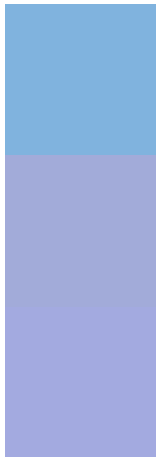


This preview shows how white text looks on a background with the CIELCh color 71, 27.508, 257.955.

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

71, 27.508, 257.955

Protanopia

71, 25.244, 285.867

Deuteranopia

71, 29.551, 288.629



Tritanopia
71, 20.977, 221.197

Trichromacy



Original Color
71, 27.508, 257.955

Protanomaly
71, 25.488, 274.929

Deuteranomaly
71, 28.018, 277.700

Tritanomaly
71, 22.327, 236.267

Monochromacy



Original Color
71, 27.508, 257.955

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 10.448, 251.183

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 27.508, 257.955 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(128, 179, 222)` looks like.

```
.text, #text, p{  
    color:rgb(128, 179, 222)  
}
```

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(128, 179, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 179, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 27.508, 257.955 is called "border". The border property can be set on classes, ids or directly on the HTML element.

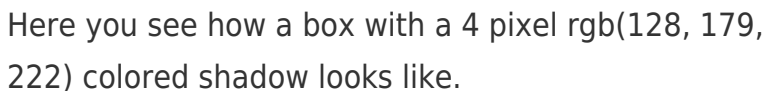
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 179, 222) }
```

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

```
.border{ border-color:rgb(128, 179, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(128, 179, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 179, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 179, 222);  
box-shadow:4px 4px 4px 4px rgb(128, 179,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 27.508, 257.955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 179, 222) }
```

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

```
.background{ background-color: rgb(128,  
179, 222) }
```

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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