

Converting Colors

CIELCh(71, 16.357, 238.196)

Have a look what the booklet for
CIELCh(71, 16.357, 238.196)
contains.

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Color

CIELCh(71, 16.357, 238.196)

Conversions

Conversions Part 1

Format	Color
Hex	8DB4C7
RGB	141, 180, 199
RGB Percent	55%, 71%, 78%
CMY	0.4488, 0.2959, 0.2214
CMYK	0.29, 0.10, 0.00, 0.22
HSL	200°, 34%, 66%
HSV	200°, 29%, 78%
XYZ	37.3958, 42.1875, 59.9260
YIQ	170.5050, -29.3430, -2.3590

Conversions

Conversions Part 2

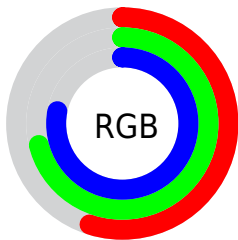
Format	Color
RYB	141, 164, 199
Decimal	9286855
CIELab	71.00, -8.62, -13.90
CIElCh	71, 16.357, 238.196
Yxy	42.1875, 0.2681, 0.3024
Android (android.graphics.Color)	4287476935 (0xFF8DB4C7)
YUV	170.5050, 14.0480, -25.8759
Hunter-Lab	64.9519, -10.8953, -9.2359

Details

The CIELCh color $71, 16.357, 238.196$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $69, 19.275, 52.862$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 16.093, 236.665$, and $51, 16.310, 238.721$ is the 20% darker color. If you saturate the color by 10%, you get $68, 21.337, 239.854$, and if you desaturate by 10%, it is $74, 11.020, 236.872$.

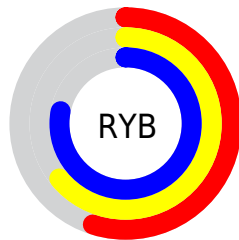
Distribution



Red (55%)

Green (71%)

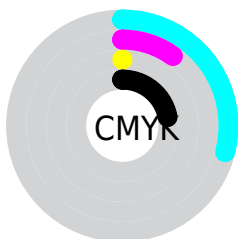
Blue (78%)



Red (55%)

Yellow (64%)

Blue (78%)

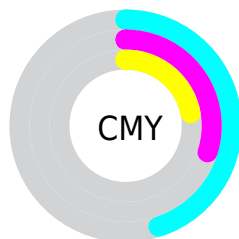


Cyan (29%)

Magenta (10%)

Yellow (0%)

Black (22%)



Cyan (45%)


Magenta (30%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 16.357, 238.196 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, 16.357, 238.196 by changing the saturation by 10% instead.


 71, 16.357,
238.196


 71, 16.357,
238.196


 100, 16.357,
238.196


 61, 16.357,
238.196


 91, 16.357,
238.196

 51, 16.357,
238.196

 41, 16.357,
238.196

 31, 16.357,
238.196

 21, 16.357,
238.196

 11, 16.357,
238.196

 1, 16.357, 238.196

■ 0, 16.357, 238.196

■ 71, 16.357,
238.196

■ 71, 16.357,
238.196

■ 68, 21.337,
239.854

■ 74, 11.020,
236.872

■ 65, 25.901,
241.935

■ 77, 5.392, 235.852

■ 63, 30.006,
244.519

■ 80, 0.470, 53.869

■ 84, 6.509, 54.148

■ 60, 33.636,
247.692

■ 87, 12.681, 53.632

■ 58, 36.825,
251.517

■ 90, 17.433, 56.417

■ 91, 17.894, 69.413

■ 55, 39.671,
256.002

■ 93, 19.215, 81.128

■ 53, 42.369,
260.961

■ 95, 21.228, 90.916

■ 53, 42.593,
261.347

Harmonies

Complementary

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



71, 16.357, 238.196



69, 19.275, 52.862

Rectangle

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



71, 16.357, 238.196



71, 16.357, 288.196



71, 16.357, 58.196



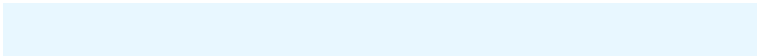
71, 16.357, 108.196

Sweetspot

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



71, 16.356, 238.192



96, 6.461, 235.846



75, 30.290, 152.603



51, 4.477, 235.976



0, 0.000, 0.000



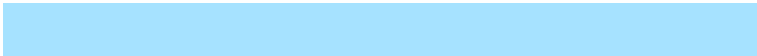
53, 0.007, 296.813

Same Dimension

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



71, 16.356, 238.192



87, 23.600, 239.197



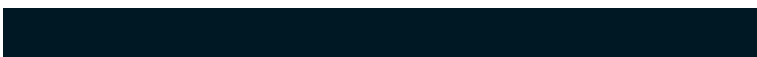
63, 26.598, 285.418



40, 3.326, 235.867



44, 36.527, 260.541



7, 11.610, 249.363

Inverse Universe

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



65, 30.428, 337.588



78, 44.592, 338.126



76, 25.616, 98.043



39, 5.866, 336.039



36, 65.113, 346.729



4, 20.099, 342.274

Previews

White Background



This preview shows how the CIELCh color 71, 16.357, 238.196 looks on a white background.

Color Contrast Check

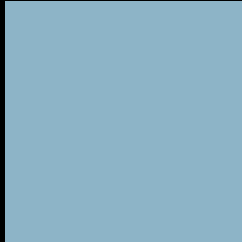
Large Text (above 18pt) WCAG AA × Fail

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, 16.357, 238.196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

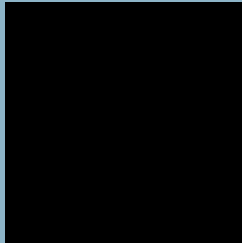
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

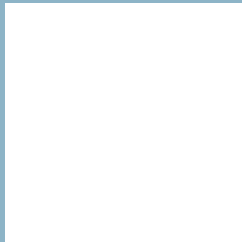
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 16.357, 238.196

Background



This preview shows how black text looks on a background with the CIELCh color 71, 16.357, 238.196.



This preview shows how white text looks on a background with the CIELCh color 71, 16.357, 238.196.

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, 16.357, 238.196

Protanopia

71, 12.036, 287.981

Deuteranopia

71, 17.793, 300.987



Tritanopia
71, 15.533, 230.531

Trichromacy



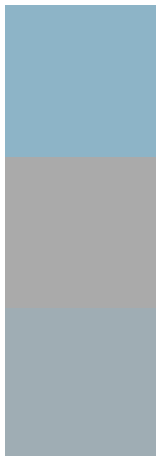
Original Color
71, 16.357, 238.196

Protanomaly
71, 12.606, 265.100

Deuteranomaly
71, 15.004, 279.621

Tritanomaly
71, 15.777, 232.359

Monochromacy



Original Color
71, 16.357, 238.196

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 6.285, 236.818

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 16.357, 238.196 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(141, 180, 199)` looks like.

```
.text, #text, p{  
    color:rgb(141, 180, 199)  
}
```

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(141, 180, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 180, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 16.357, 238.196 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(141, 180, 199) }
```

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

```
.border{ border-color:rgb(141, 180, 199) }
```

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

Here you see how a box with a 4 pixel rgb(141, 180, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 180, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 180, 199);  
box-shadow:4px 4px 4px 4px rgb(141, 180,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 16.357, 238.196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 180, 199) }
```

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

```
.background{ background-color: rgb(141,  
180, 199) }
```

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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