

Converting Colors

CIELCh(71, 30.324, 213.128)

Have a look what the booklet for
CIELCh(71, 30.324, 213.128)
contains.

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Color

CIELCh(71, 30.324, 213.128)

Conversions

Conversions Part 1

Format	Color
Hex	55BCCB
RGB	85, 188, 203
RGB Percent	33%, 74%, 80%
CMY	0.6668, 0.2629, 0.2041
CMYK	0.58, 0.07, 0.00, 0.20
HSL	188°, 53%, 56%
HSV	188°, 58%, 80%
XYZ	32.4909, 42.1875, 62.9041
YIQ	158.9130, -66.2030, -17.1710

Conversions

Conversions Part 2

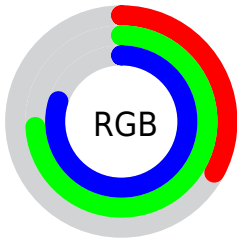
Format	Color
RYB	85, 140, 203
Decimal	5618891
CIELab	71.00, -25.39, -16.57
CIELCh	71, 30.324, 213.128
Yxy	42.1875, 0.2362, 0.3066
Android (android.graphics.Color)	4283808971 (0xFF55BCCB)
YUV	158.9130, 21.7349, -64.8217
Hunter-Lab	64.9519, -24.3748, -11.9544

Details

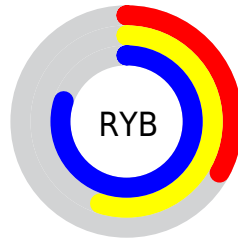
The CIELCh color **71, 30.324, 213.128** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **55, 48.234, 34.879**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 30.009, 208.673**, and **51, 29.920, 213.991** is the 20% darker color. If you saturate the color by 10%, you get **70, 33.196, 214.166**, and if you desaturate by 10%, it is **72, 26.624, 212.379**.

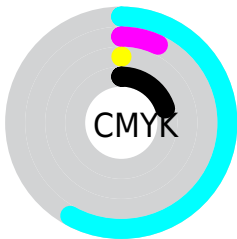
Distribution



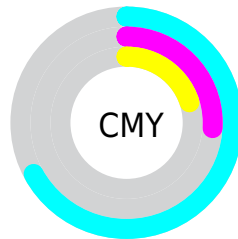
- Red (33%)
- Green (74%)
- Blue (80%)



- Red (33%)
- Yellow (55%)
- Blue (80%)



- Cyan (58%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)





- Cyan (67%)
- Magenta (26%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 30.324, 213.128 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, 30.324, 213.128 by changing the saturation by 10% instead.


 71, 30.324,
213.128


 71, 30.324,
213.128


 100, 30.324,
213.128


 61, 30.324,
213.128


 91, 30.324,
213.128

 51, 30.324,
213.128

 41, 30.324,
213.128

 31, 30.324,
213.128

 21, 30.324,
213.128

 11, 30.324,
213.128

 1, 30.324, 213.128

0, 30.324, 213.128

71, 30.324,
213.128

71, 30.324,
213.128

70, 33.196,
214.166

72, 26.624,
212.379

68, 35.212,
215.550

74, 22.168,
211.873

67, 36.397,
217.331

76, 17.051,
211.567

67, 36.886,
219.521

78, 11.377,
211.427

66, 36.952,
219.946

80, 5.252, 211.453

82, 1.228, 30.956

84, 7.977, 31.485

■ 87, 14.923, 31.717

■ 88, 17.189, 34.830

Harmonies

Complementary

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



71, 30.324, 213.128



55, 48.234, 34.879

Rectangle

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



71, 30.324, 213.128



71, 30.324, 263.128



71, 30.324, 33.128



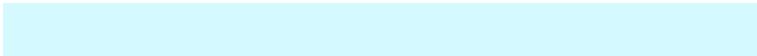
71, 30.324, 83.128

Sweetspot

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



71, 30.323, 213.126



96, 12.869, 211.421



73, 68.847, 142.485



51, 8.553, 211.435



0, 0.000, 0.000



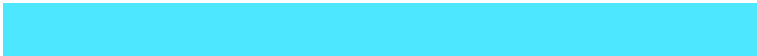
53, 0.007, 296.813

Same Dimension

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



71, 30.323, 213.126



85, 40.198, 214.516



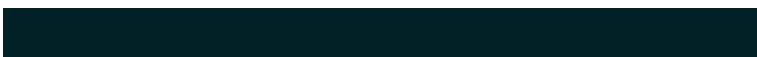
54, 42.868, 278.606



42, 3.663, 211.437



55, 31.815, 219.561



11, 12.035, 214.205

Inverse Universe

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



55, 67.495, 331.592



64, 92.611, 332.342



68, 44.753, 79.022



40, 6.907, 328.634



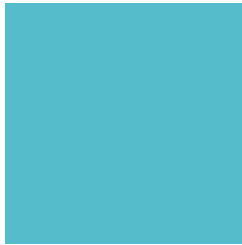
38, 75.837, 333.984



5, 26.192, 332.109

Previews

White Background



This preview shows how the CIELCh color 71, 30.324, 213.128 looks on a white background.

Color Contrast Check

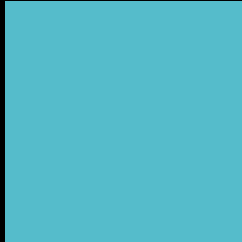
Large Text (above 18pt) WCAG AA × Fail

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, 30.324, 213.128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

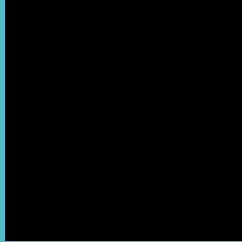
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 30.324, 213.128

Background



This preview shows how black text looks on a background with the CIELCh color 71, 30.324, 213.128.



This preview shows how white text looks on a background with the CIELCh color 71, 30.324, 213.128.

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, 30.324, 213.128

Protanopia

71, 11.493, 289.537

Deuteranopia

71, 20.857, 295.045



Tritanopia
71, 30.324, 213.128

Trichromacy



Original Color
71, 30.324, 213.128



Protanomaly
70, 16.150, 238.967



Deuteranomaly
70, 19.809, 255.265



Tritanomaly
71, 30.324, 213.128

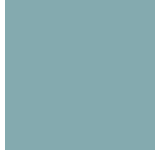
Monochromacy



Original Color
71, 30.324, 213.128



Achromatopsia
65, 0.008, 296.813



Achromatomaly
67, 13.495, 210.237

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 30.324, 213.128 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(85, 188, 203)` looks like.

```
.text, #text, p{  
    color:rgb(85, 188, 203)  
}
```

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(85, 188, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 188, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 30.324, 213.128 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(85, 188, 203) }
```

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

```
.border{ border-color:rgb(85, 188, 203) }
```

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

Here you see how a box with a 4 pixel rgb(85, 188, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 188, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 188, 203);  
box-shadow:4px 4px 4px 4px rgb(85, 188,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 30.324, 213.128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 188, 203) }
```

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

```
.background{ background-color: rgb(85, 188,  
203) }
```

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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