

Converting Colors

CIELCh(73, 31.765, 224.084)

Have a look what the booklet for
CIELCh(73, 31.765, 224.084)
contains.

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Color

CIELCh(73, 31.868, 224.056)

Conversions

Conversions Part 1

Format	Color
Hex	57C1DB
RGB	87, 193, 219
RGB Percent	34%, 76%, 86%
CMY	0.6598, 0.2440, 0.1420
CMYK	0.60, 0.12, 0.00, 0.14
HSL	192°, 65%, 60%
HSV	192°, 60%, 86%
XYZ	35.6889, 45.1644, 73.7061
YIQ	164.2700, -71.5220, -14.3860

Conversions

Conversions Part 2

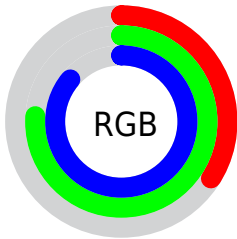
Format	Color
R _Y B	87, 146, 219
Decimal	5751259
CIE Lab	73.00, -22.90, -22.16
CIE LCh	73, 31.868, 224.056
Yxy	45.1644, 0.2309, 0.2922
Android (android.graphics.Color)	4283941339 (0xFF57C1DB)
YUV	164.2700, 26.9819, -67.7658
Hunter-Lab	67.2044, -22.8154, -17.9828

Details

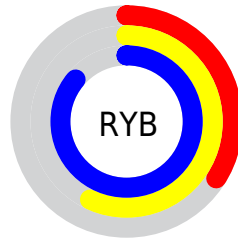
The CIELCh color **73, 31.868, 224.056** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **59, 51.398, 40.300**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 30.836, 202.376**, and **53, 31.321, 224.896** is the 20% darker color. If you saturate the color by 10%, you get **71, 34.785, 226.062**, and if you desaturate by 10%, it is **75, 28.149, 222.509**.

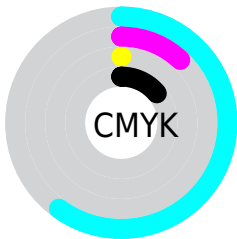
Distribution



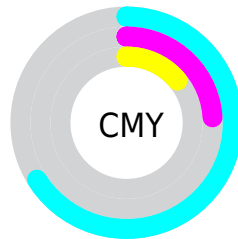
- Red (34%)
- Green (76%)
- Blue (86%)



- Red (34%)
- Yellow (57%)
- Blue (86%)



- Cyan (60%)
- Magenta (12%)
- Yellow (0%)
- Black (14%)





- Cyan (66%)
- Magenta (24%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 31.868, 224.056 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 73, 31.868, 224.056 by changing the saturation by 10% instead.


 73, 31.868,
224.056


 73, 31.868,
224.056


 100, 31.868,
224.056


 63, 31.868,
224.056


 93, 31.868,
224.056

 53, 31.868,
224.056

 43, 31.868,
224.056

 33, 31.868,
224.056

 23, 31.868,
224.056

 13, 31.868,
224.056

 3, 31.868, 224.056

■ 0, 31.868, 224.056

■ 73, 31.868,
224.056

■ 73, 31.868,
224.056

■ 71, 34.785,
226.062

■ 75, 28.149,
222.509

■ 69, 36.898,
228.614

■ 77, 23.686,
221.344

■ 68, 38.276,
231.781

■ 80, 18.562,
220.486

■ 67, 39.120,
235.364

■ 82, 12.880,
219.878

■ 85, 6.738, 219.489

■ 87, 0.232, 221.633

■ 90, 6.556, 38.868

■ 92, 11.147, 42.937

■ 93, 10.871, 56.830

Harmonies

Complementary

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



73, 31.868, 224.056



59, 51.398, 40.300

Rectangle

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



73, 31.868, 224.056



73, 31.868, 274.056



73, 31.868, 44.056



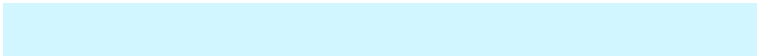
73, 31.868, 94.056

Sweetspot

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



73, 31.867, 224.055



95, 12.990, 219.774



78, 72.099, 144.121



50, 8.945, 219.916



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 31.867, 224.055



81, 39.668, 226.592



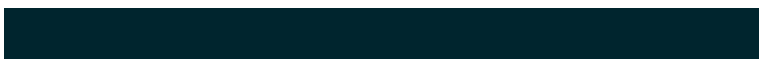
55, 52.216, 284.420



45, 3.714, 219.466



54, 32.843, 234.690



13, 13.096, 227.318

Inverse Universe

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



58, 70.450, 334.511



62, 89.865, 335.477



74, 51.232, 84.348



43, 6.979, 330.977



39, 74.335, 337.913



6, 30.085, 335.904

Previews

White Background



This preview shows how the CIELCh color 73, 31.868, 224.056 looks on a white background.

Color Contrast Check

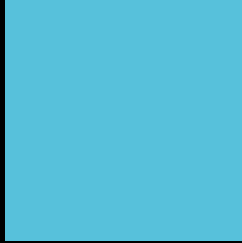
Large Text (above 18pt) WCAG AA × Fail

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 73, 31.868, 224.056 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 73, 31.868, 224.056

Background



This preview shows how black text looks on a background with the CIELCh color 73, 31.868, 224.056.



This preview shows how white text looks on a background with the CIELCh color 73, 31.868, 224.056.

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

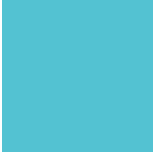
73, 31.868, 224.056

Protanopia

73, 16.905, 285.947

Deuteranopia

73, 26.109, 290.477



Tritanopia
73, 31.941, 213.190

Trichromacy



Original Color
73, 31.868, 224.056



Protanomaly
72, 20.379, 249.805



Deuteranomaly
72, 24.667, 261.461



Tritanomaly
73, 31.901, 216.370

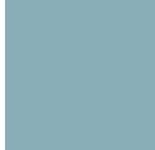
Monochromacy



Original Color
73, 31.868, 224.056



Achromatopsia
67, 0.008, 296.813



Achromatomaly
69, 14.021, 221.670

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 31.868, 224.056 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(87, 193, 219)` looks like.

```
.text, #text, p{  
    color:rgb(87, 193, 219)  
}
```

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(87, 193, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 193, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 31.868, 224.056 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(87, 193, 219) }
```

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

```
.border{ border-color:rgb(87, 193, 219) }
```

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

Here you see how a box with a 4 pixel rgb(87, 193, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 193, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 193, 219);  
box-shadow:4px 4px 4px 4px rgb(87, 193,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 31.868, 224.056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 193, 219) }
```

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

```
.background{ background-color: rgb(87, 193,  
219) }
```

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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