

Converting Colors

CIELCh(72, 32.673, 237.556)

Have a look what the booklet for
CIELCh(72, 32.673, 237.556)
contains.

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Color

CIELCh(72, 32.673, 237.556)

Conversions

Conversions Part 1

Format	Color
Hex	5BBCE2
RGB	91, 188, 226
RGB Percent	36%, 74%, 89%
CMY	0.6433, 0.2629, 0.1139
CMYK	0.60, 0.17, 0.00, 0.11
HSL	197°, 70%, 62%
HSV	197°, 60%, 89%
XYZ	36.0056, 43.6590, 78.4499
YIQ	163.3290, -70.0100, -8.7460

Conversions

Conversions Part 2

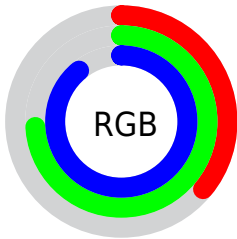
Format	Color
R _Y B	91, 147, 226
Decimal	6012130
CIE Lab	72.00, -17.53, -27.57
CIE LCh	72, 32.673, 237.556
Yxy	43.6590, 0.2277, 0.2761
Android (android.graphics.Color)	4284202210 (0xFF5BBCE2)
YUV	163.3290, 30.8968, -63.4325
Hunter-Lab	66.0750, -18.3630, -24.1417

Details

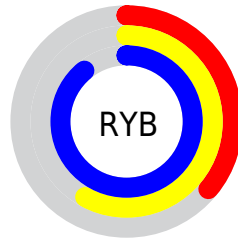
The CIELCh color **72, 32.673, 237.556** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **64, 49.942, 47.245**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 28.330, 209.432**, and **52, 32.736, 237.598** is the 20% darker color. If you saturate the color by 10%, you get **69, 36.206, 240.469**, and if you desaturate by 10%, it is **75, 28.493, 235.226**.

Distribution



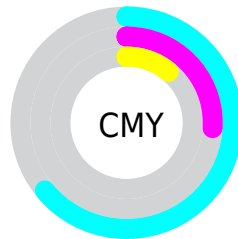
- Red (36%)
- Green (74%)
- Blue (89%)



- Red (36%)
- Yellow (58%)
- Blue (89%)



- Cyan (60%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)





- Cyan (64%)
- Magenta (26%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 32.673, 237.556 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 72, 32.673, 237.556 by changing the saturation by 10% instead.


 72, 32.673,
237.556


 72, 32.673,
237.556


 100, 32.673,
237.556


 62, 32.673,
237.556


 92, 32.673,
237.556

 52, 32.673,
237.556

 42, 32.673,
237.556

 32, 32.673,
237.556

 22, 32.673,
237.556

 12, 32.673,
237.556

 2, 32.673, 237.556

■ 0, 32.673, 237.556

■ 72, 32.673,
237.556

■ 72, 32.673,
237.556

■ 69, 36.206,
240.469

■ 75, 28.493,
235.226

■ 67, 39.121,
244.048

■ 77, 23.700,
233.388

■ 65, 41.521,
248.328

■ 80, 18.356,
231.951

■ 63, 43.636,
253.168

■ 84, 12.542,
230.840

■ 63, 43.692,
253.290

■ 87, 6.342, 230.010

■ 90, 0.165, 45.835

■ 93, 6.909, 48.646

■ 95, 8.833, 67.720

■ 97, 10.420, 89.332

Harmonies

Complementary

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



72, 32.673, 237.556



64, 49.942, 47.245

Rectangle

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



72, 32.673, 237.556



72, 32.673, 287.556



72, 32.673, 57.556



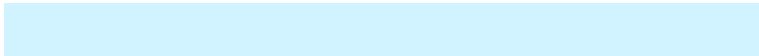
72, 32.673, 107.556

Sweetspot

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



72, 32.672, 237.555



94, 12.665, 230.686



81, 68.950, 146.945



49, 8.733, 230.968



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 32.672, 237.555



77, 40.609, 241.380



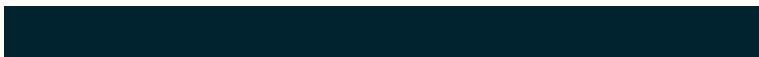
54, 59.628, 289.501



45, 3.677, 229.990



50, 36.000, 252.384



12, 14.009, 243.071

Inverse Universe

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



59, 67.856, 338.278



62, 85.023, 339.659



79, 55.073, 90.848



44, 6.696, 334.150



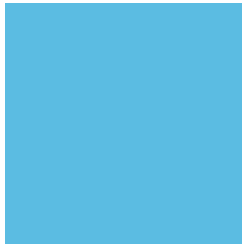
39, 70.776, 343.469



7, 29.731, 340.374

Previews

White Background



This preview shows how the CIELCh color 72, 32.673, 237.556 looks on a white background.

Color Contrast Check

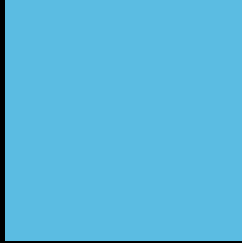
Large Text (above 18pt) WCAG AA × Fail

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 72, 32.673, 237.556 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 72, 32.673, 237.556

Background



This preview shows how black text looks on a background with the CIELCh color 72, 32.673, 237.556.



This preview shows how white text looks on a background with the CIELCh color 72, 32.673, 237.556.

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

72, 32.673, 237.556

Protanopia

72, 22.982, 285.712

Deuteranopia

72, 30.601, 287.085

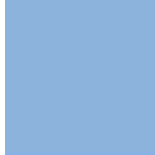


Tritanopia
72, 31.335, 213.576

Trichromacy



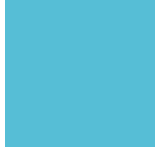
Original Color
72, 32.673, 237.556



Protanomaly
71, 25.153, 262.282



Deuteranomaly
71, 29.468, 267.576



Tritanomaly
72, 31.221, 222.468

Monochromacy



Original Color
72, 32.673, 237.556



Achromatopsia
67, 0.008, 296.813



Achromatomaly
68, 14.036, 232.081

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 32.673, 237.556 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(91, 188, 226)` looks like.

```
.text, #text, p{  
    color:rgb(91, 188, 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(91, 188, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 188, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 32.673, 237.556 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(91, 188, 226) }
```

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

```
.border{ border-color:rgb(91, 188, 226) }
```

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

Here you see how a box with a 4 pixel rgb(91, 188, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 188, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 188, 226);  
box-shadow:4px 4px 4px 4px rgb(91, 188,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 32.673, 237.556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 188, 226) }
```

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

```
.background{ background-color: rgb(91, 188,  
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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