

Converting Colors

CIELCh(73, 20.498, 246.607)

Have a look what the booklet for
CIELCh(73, 20.498, 246.607)
contains.

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Color

CIELCh(73, 20.559, 246.687)

Conversions

Conversions Part 1

Format	Color
Hex	8CB9D5
RGB	140, 185, 213
RGB Percent	55%, 73%, 84%
CMY	0.4504, 0.2739, 0.1641
CMYK	0.34, 0.13, 0.00, 0.16
HSL	203°, 47%, 69%
HSV	203°, 34%, 84%
XYZ	40.2535, 45.1644, 69.6536
YIQ	174.7370, -35.8080, -0.8320

Conversions

Conversions Part 2

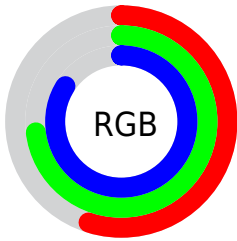
Format	Color
RYB	140, 168, 213
Decimal	9222613
CIELab	73.00, -8.14, -18.88
CIELCh	73, 20.559, 246.687
Yxy	45.1644, 0.2596, 0.2912
Android (android.graphics.Color)	4287412693 (0xFF8CB9D5)
YUV	174.7370, 18.8637, -30.4643
Hunter-Lab	67.2044, -10.6914, -14.4076

Details

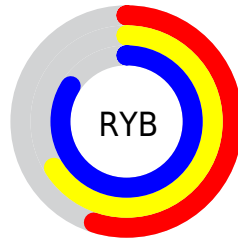
The CIELCh color **73, 20.559, 246.687** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72, 24.310, 58.676**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 16.447, 224.806**, and **53, 20.407, 246.352** is the 20% darker color. If you saturate the color by 10%, you get **70, 25.939, 248.820**, and if you desaturate by 10%, it is **77, 14.856, 244.947**.

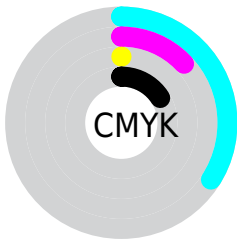
Distribution



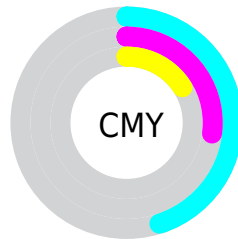
- Red (55%)
- Green (73%)
- Blue (84%)



- Red (55%)
- Yellow (66%)
- Blue (84%)



- Cyan (34%)
- Magenta (13%)
- Yellow (0%)
- Black (16%)





- Cyan (45%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 20.559, 246.687 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, 20.559, 246.687 by changing the saturation by 10% instead.


 73, 20.559,
246.687


 73, 20.559,
246.687


 100, 20.559,
246.687


 63, 20.559,
246.687


 93, 20.559,
246.687

 53, 20.559,
246.687

 43, 20.559,
246.687

 33, 20.559,
246.687

 23, 20.559,
246.687

 13, 20.559,
246.687

 3, 20.559, 246.687

0, 20.559, 246.687

73, 20.559,
246.687

73, 20.559,
246.687

70, 25.939,
248.820

77, 14.856,
244.947

66, 30.958,
251.433

80, 8.882, 243.544

63, 35.602,
254.599

84, 2.690, 242.503

87, 3.671, 61.236

60, 39.901,
258.374

91, 10.155, 60.526

57, 43.939,
262.760

94, 13.302, 73.703

96, 15.630, 91.538

55, 47.860,
267.666

98, 19.033,

■ 53, 50.164,
270.542

103.763

■ 99, 21.141,
108.577

Harmonies

Complementary

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



73, 20.559, 246.687



72, 24.310, 58.676

Rectangle

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



73, 20.559, 246.687



73, 20.559, 296.687



73, 20.559, 66.687



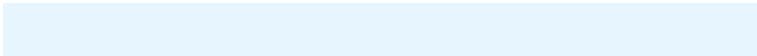
73, 20.559, 116.687

Sweetspot

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



73, 20.558, 246.684



96, 7.256, 243.055



80, 35.630, 154.833



50, 4.940, 243.216



0, 0.000, 0.000



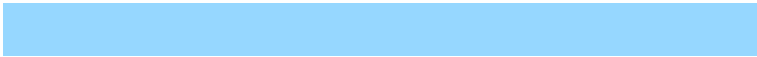
53, 0.007, 296.813

Same Dimension

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



73, 20.558, 246.684



83, 27.993, 248.171



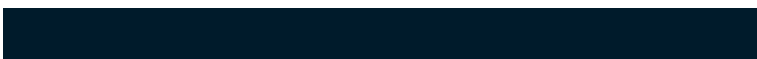
63, 36.083, 289.712



43, 3.579, 242.980



43, 42.049, 269.693



9, 14.500, 258.299

Inverse Universe

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



67, 36.377, 340.689



75, 50.127, 341.407



82, 33.878, 101.274



42, 5.993, 338.536



37, 65.297, 351.312



5, 25.037, 346.246

Previews

White Background



This preview shows how the CIELCh color 73, 20.559, 246.687 looks on a white background.

Color Contrast Check

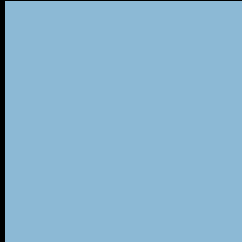
Large Text (above 18pt) WCAG AA × Fail

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, 20.559, 246.687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

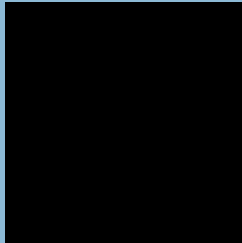
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 20.559, 246.687

Background



This preview shows how black text looks on a background with the CIELCh color 73, 20.559, 246.687.



This preview shows how white text looks on a background with the CIELCh color 73, 20.559, 246.687.

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, 20.559, 246.687

Protanopia
73, 16.880, 287.104

Deuteranopia
73, 21.808, 294.935

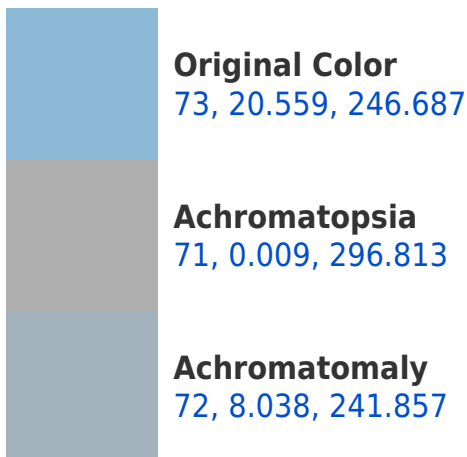


Tritanopia
73, 18.113, 225.202

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 20.559, 246.687 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(140, 185, 213)` looks like.

```
.text, #text, p{  
    color:rgb(140, 185, 213)  
}
```

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(140, 185, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 185, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 20.559, 246.687 is called "border". The border property can be set on classes, ids or directly on the HTML element.

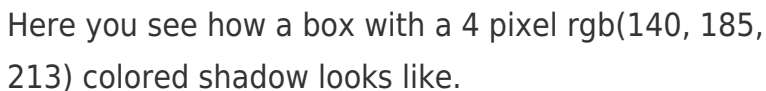
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(140, 185, 213) }
```

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

```
.border{ border-color:rgb(140, 185, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(140, 185, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 185, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 185, 213);  
box-shadow:4px 4px 4px 4px rgb(140, 185,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 20.559, 246.687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 185, 213) }
```

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

```
.background{ background-color: rgb(140,  
185, 213) }
```

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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