

Converting Colors

CIELCh(73, 20.127, 253.188)

Have a look what the booklet for
CIELCh(73, 20.127, 253.188)
contains.

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Color

CIELCh(73, 20.213, 252.902)

Conversions

Conversions Part 1

Format	Color
Hex	91B8D6
RGB	145, 184, 214
RGB Percent	57%, 72%, 84%
CMY	0.4313, 0.2784, 0.1607
CMYK	0.32, 0.14, 0.00, 0.16
HSL	206°, 46%, 70%
HSV	206°, 32%, 84%
XYZ	40.9631, 45.1644, 70.1874
YIQ	175.7590, -32.8740, 1.0620

Conversions

Conversions Part 2

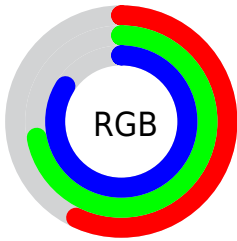
Format	Color
R_{YB}	145, 170, 214
Decimal	9550038
CIE _{Lab}	73.00, -5.94, -19.32
CIE _{LCh}	73, 20.213, 252.902
Yxy	45.1644, 0.2621, 0.2889
Android (android.graphics.Color)	4287740118 (0xFF91B8D6)
YUV	175.7590, 18.8528, -26.9756
Hunter-Lab	67.2044, -8.8067, -14.8786

Details

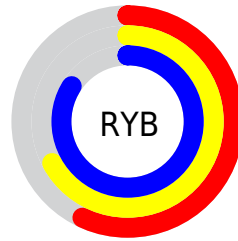
The CIELCh color **73, 20.213, 252.902** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74, 22.964, 64.468**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 15.043, 229.869**, and **53, 20.136, 252.704** is the 20% darker color. If you saturate the color by 10%, you get **69, 26.056, 255.095**, and if you desaturate by 10%, it is **77, 14.139, 251.087**.

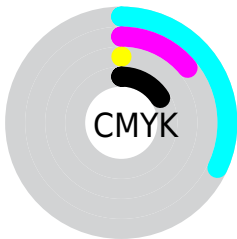
Distribution



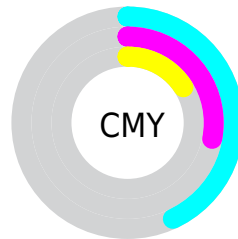
- Red (57%)
- Green (72%)
- Blue (84%)



- Red (57%)
- Yellow (67%)
- Blue (84%)



- Cyan (32%)
- Magenta (14%)
- Yellow (0%)
- Black (16%)



- Cyan (43%)
- Magenta (28%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 20.213, 252.902 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, 20.213, 252.902 by changing the saturation by 10% instead.

■ 73, 20.213,
252.902

■ 73, 20.213,
252.902

■ 100, 20.213,
252.902

■ 63, 20.213,
252.902

■ 93, 20.213,
252.902

■ 53, 20.213,
252.902

■ 43, 20.213,
252.902

■ 33, 20.213,
252.902

■ 23, 20.213,
252.902

■ 13, 20.213,
252.902

■ 3, 20.213, 252.902

0, 20.213, 252.902

73, 20.213,
252.902

73, 20.213,
252.902

69, 26.056,
255.095

77, 14.139,
251.087

66, 31.644,
257.745

81, 7.874, 249.602

62, 36.971,
260.913

85, 1.460, 248.592

89, 5.066, 67.152

59, 42.071,
264.642

93, 11.668, 66.316

55, 47.025,
268.920

95, 14.353, 86.018

52, 51.959,
273.647

98, 17.961,
101.864

■ 50, 55.894,
277.398

■ 99, 20.711,
108.610

Harmonies

Complementary

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



73, 20.213, 252.902



74, 22.964, 64.468

Rectangle

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



73, 20.213, 252.902



73, 20.213, 302.902



73, 20.213, 72.902



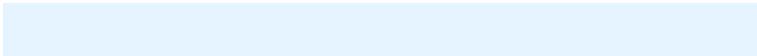
73, 20.213, 122.902

Sweetspot

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



73, 20.212, 252.899



95, 7.434, 249.326



80, 32.390, 157.315



50, 5.064, 249.507



0, 0.000, 0.000



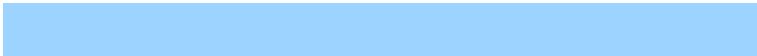
53, 0.007, 296.813

Same Dimension

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



73, 20.212, 252.899



82, 27.867, 254.426



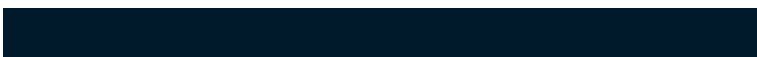
64, 35.948, 291.593



43, 3.665, 249.241



40, 46.610, 276.575



8, 15.610, 265.569

Inverse Universe

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



68, 33.257, 343.103



76, 46.263, 343.873



83, 33.572, 104.044



42, 5.782, 340.993



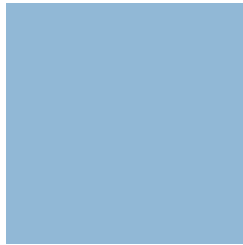
37, 63.900, 355.734



5, 24.292, 349.767

Previews

White Background



This preview shows how the CIELCh color 73, 20.213, 252.902 looks on a white background.

Color Contrast Check

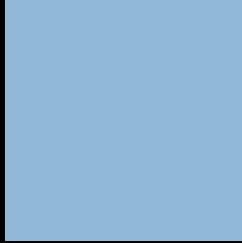
Large Text (above 18pt) WCAG AA × Fail

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, 20.213, 252.902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

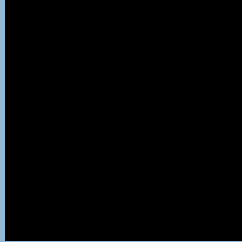
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

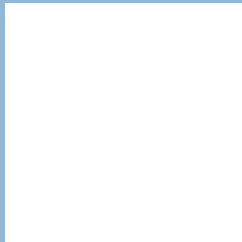
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 20.213, 252.902

Background



This preview shows how black text looks on a background with the CIELCh color 73, 20.213, 252.902.



This preview shows how white text looks on a background with the CIELCh color 73, 20.213, 252.902.

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, 20.213, 252.902

Protanopia

73, 17.444, 286.193

Deuteranopia

73, 22.350, 294.913



Tritanopia
73, 16.538, 228.129

Trichromacy



Original Color
73, 20.213, 252.902

Protanomaly
73, 17.715, 271.760

Deuteranomaly
73, 20.392, 280.715

Tritanomaly
73, 17.611, 239.212

Monochromacy



Original Color
73, 20.213, 252.902

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 7.702, 250.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 20.213, 252.902 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(145, 184, 214)` looks like.

```
.text, #text, p{  
    color:rgb(145, 184, 214)  
}
```

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(145, 184, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 184, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 20.213, 252.902 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(145, 184, 214) }
```

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

```
.border{ border-color:rgb(145, 184, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 184, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 184, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 184, 214);  
box-shadow:4px 4px 4px 4px rgb(145, 184,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 20.213, 252.902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 184, 214) }
```

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

```
.background{ background-color: rgb(145,  
184, 214) }
```

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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