

Converting Colors

CIELCh(73, 14.353, 208.834)

Have a look what the booklet for
CIELCh(73, 14.353, 208.834)
contains.

CIELCh(73, 14.576, 206.946)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 14.576, 206.946)

Conversions

Conversions Part 1

Format	Color
Hex	91BBBF
RGB	145, 187, 191
RGB Percent	57%, 73%, 75%
CMY	0.4324, 0.2678, 0.2521
CMYK	0.24, 0.02, 0.00, 0.25
HSL	185°, 26%, 66%
HSV	185°, 24%, 75%
XYZ	38.7115, 45.1644, 55.8039
YIQ	174.8980, -26.3160, -7.6600

Conversions

Conversions Part 2

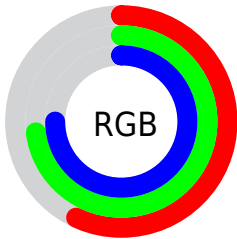
Format	Color
R_{YB}	145, 167, 191
Decimal	9550783
CIE _{Lab}	73.00, -12.99, -6.61
CIE _{LCh}	73, 14.576, 206.946
Yxy	45.1644, 0.2771, 0.3233
Android (android.graphics.Color)	4287740863 (0xFF91BBBF)
YUV	174.8980, 7.9383, -26.2205
Hunter-Lab	67.2044, -14.7872, -2.1890

Details

The CIELCh color **73, 14.576, 206.946** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65, 17.199, 28.292**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 14.443, 206.795**, and **53, 14.678, 207.149** is the 20% darker color. If you saturate the color by 10%, you get **71, 19.837, 206.934**, and if you desaturate by 10%, it is **75, 8.809, 207.070**.

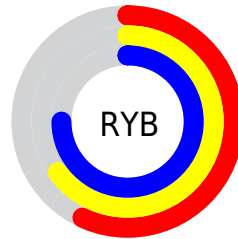
Distribution



Red (57%)

Green (73%)

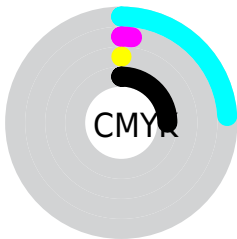
Blue (75%)



Red (57%)

Yellow (65%)

Blue (75%)

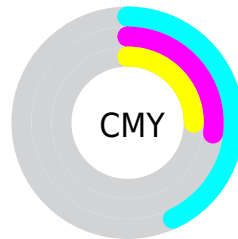


Cyan (24%)

Magenta (2%)

Yellow (0%)

Black (25%)



Cyan (43%)


Magenta (27%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 14.576, 206.946 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, 14.576, 206.946 by changing the saturation by 10% instead.


 73, 14.576,
206.946


 73, 14.576,
206.946


 100, 14.576,
206.946


 63, 14.576,
206.946


 93, 14.576,
206.946

 53, 14.576,
206.946

 43, 14.576,
206.946

 33, 14.576,
206.946

 23, 14.576,
206.946

 13, 14.576,
206.946

 3, 14.576, 206.946

0, 14.576, 206.946

73, 14.576,
206.946

73, 14.576,
206.946

71, 19.837,
206.934

75, 8.809, 207.070

70, 24.487,
207.067

76, 2.636, 207.404

69, 28.427,
207.363

78, 3.850, 27.321

68, 31.579,
207.853

80, 10.567, 27.722

67, 33.895,
208.569

83, 17.447, 28.092

66, 35.372,
209.543

84, 22.797, 28.885

85, 22.322, 31.204

85, 21.886, 33.621

■ 65, 36.071,
210.800

■ 86, 21.492, 36.132

■ 65, 36.257,
211.633

Harmonies

Complementary

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



73, 14.576, 206.946



65, 17.199, 28.292

Rectangle

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



73, 14.576, 206.946



73, 14.576, 256.946



73, 14.576, 26.946



73, 14.576, 76.946

Sweetspot

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



73, 14.576, 206.940



96, 5.498, 207.254



73, 28.756, 145.142



51, 3.596, 207.232



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



73, 14.576, 206.940



91, 21.226, 206.921



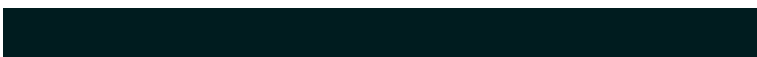
67, 16.026, 267.501



39, 3.553, 207.181



55, 31.592, 211.395



8, 10.398, 208.869

Inverse Universe

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



66, 28.721, 328.251



80, 42.614, 328.561



71, 16.554, 80.760



37, 6.660, 327.385



37, 75.581, 331.976



3, 19.727, 328.717

Previews

White Background



This preview shows how the CIELCh color 73, 14.576, 206.946 looks on a white background.

Color Contrast Check

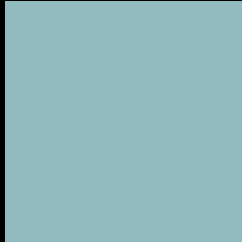
Large Text (above 18pt) WCAG AA × Fail

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, 14.576, 206.946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

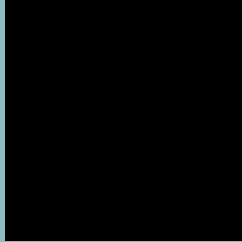
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

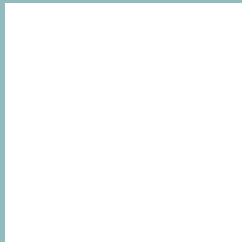
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 14.576, 206.946

Background



This preview shows how black text looks on a background with the CIELCh color 73, 14.576, 206.946.

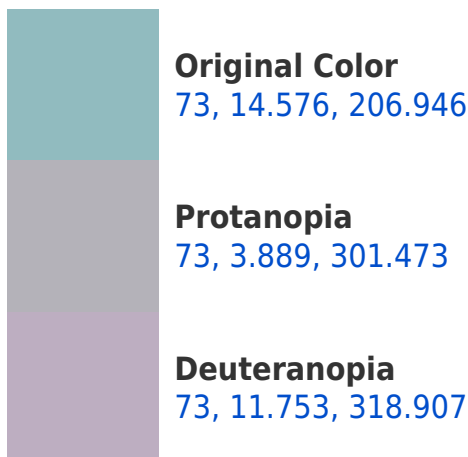


This preview shows how white text looks on a background with the CIELCh color 73, 14.576, 206.946.

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





Tritanopia
73, 14.966, 231.747

Trichromacy



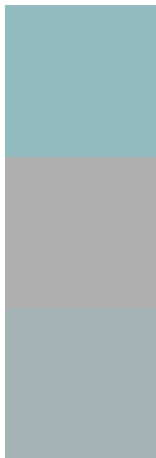
Original Color
73, 14.576, 206.946

Protanomaly
73, 5.947, 232.445

Deuteranomaly
73, 7.343, 273.807

Tritanomaly
73, 14.669, 222.630

Monochromacy



Original Color
73, 14.576, 206.946

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 5.546, 210.411

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 14.576, 206.946 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, 187, 191)` looks like.

```
.text, #text, p{  
    color:rgb(145, 187, 191)  
}
```

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, 187, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 187, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 14.576, 206.946 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, 187, 191) }
```

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

```
.border{ border-color:rgb(145, 187, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 187, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 187, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 187, 191);  
box-shadow:4px 4px 4px 4px rgb(145, 187,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 14.576, 206.946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 187, 191) }
```

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

```
.background{ background-color: rgb(145,  
187, 191) }
```

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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