

Converting Colors

CIELCh(73, 20.253, 205.465)

Have a look what the booklet for
CIELCh(73, 20.253, 205.465)
contains.

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Color

CIELCh(73, 20.268, 204.092)

Conversions

Conversions Part 1

Format	Color
Hex	81BEC2
RGB	129, 190, 194
RGB Percent	51%, 75%, 76%
CMY	0.4957, 0.2565, 0.2408
CMYK	0.34, 0.02, 0.00, 0.24
HSL	184°, 35%, 63%
HSV	184°, 34%, 76%
XYZ	37.0108, 45.1644, 57.5672
YIQ	172.2170, -37.6400, -11.6880

Conversions

Conversions Part 2

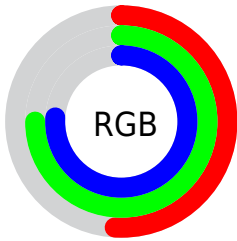
Format	Color
RYB	129, 160, 194
Decimal	8502978
CIELab	73.00, -18.50, -8.27
CIELCh	73, 20.268, 204.092
Yxy	45.1644, 0.2649, 0.3232
Android (android.graphics.Color)	4286693058 (0xFF81BEC2)
YUV	172.2170, 10.7390, -37.9013
Hunter-Lab	67.2044, -19.3043, -3.7446

Details

The CIELCh color **73, 20.268, 204.092** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61, 25.728, 26.945**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 20.166, 204.084**, and **53, 20.113, 204.167** is the 20% darker color. If you saturate the color by 10%, you get **72, 25.121, 204.049**, and if you desaturate by 10%, it is **74, 14.788, 204.240**.

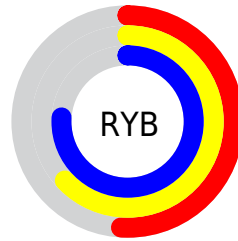
Distribution



Red (51%)

Green (75%)

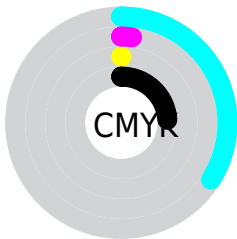
Blue (76%)



Red (51%)

Yellow (63%)

Blue (76%)

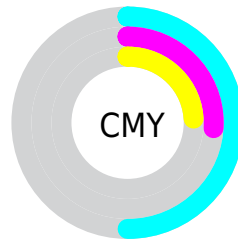


Cyan (34%)

Magenta (2%)

Yellow (0%)

Black (24%)



Cyan (50%)


Magenta (26%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 20.268, 204.092 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, 20.268, 204.092 by changing the saturation by 10% instead.


 73, 20.268,
204.092


 73, 20.268,
204.092


 100, 20.268,
204.092


 63, 20.268,
204.092


 93, 20.268,
204.092

 53, 20.268,
204.092

 43, 20.268,
204.092

 33, 20.268,
204.092

 23, 20.268,
204.092

 13, 20.268,
204.092

 3, 20.268, 204.092

0, 20.268, 204.092

73, 20.268,
204.092

73, 20.268,
204.092

72, 25.121,
204.049

74, 14.788,
204.240

71, 29.244,
204.140

76, 8.787, 204.495

70, 32.556,
204.381

78, 2.372, 204.964

79, 4.361, 24.968

69, 35.008,
204.794

81, 11.327, 25.445

68, 36.598,
205.397

83, 18.453, 25.895

85, 22.086, 26.911

68, 37.382,
206.206

85, 21.720, 28.593

■ 67, 37.605,
206.806

■ 85, 21.373, 30.331

Harmonies

Complementary

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



73, 20.268, 204.092



61, 25.728, 26.945

Rectangle

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



73, 20.268, 204.092



73, 20.268, 254.092



73, 20.268, 24.092



73, 20.268, 74.092

Sweetspot

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



73, 20.268, 204.088



97, 8.108, 204.611



73, 41.378, 143.372



52, 5.556, 204.560



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, 20.268, 204.088



92, 29.023, 204.048



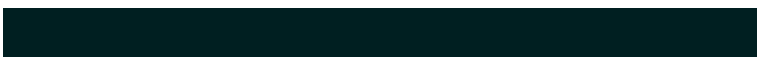
64, 21.746, 266.117



40, 3.716, 204.641



57, 32.780, 206.651



10, 11.615, 204.241

Inverse Universe

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



62, 41.042, 328.015



76, 60.248, 328.402



69, 23.197, 76.300



38, 6.929, 326.638



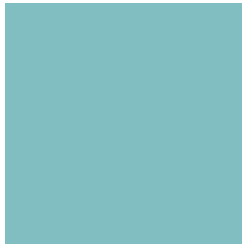
37, 77.993, 330.812



4, 22.874, 328.471

Previews

White Background



This preview shows how the CIELCh color 73, 20.268, 204.092 looks on a white background.

Color Contrast Check

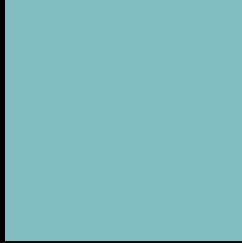
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 73, 20.268, 204.092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

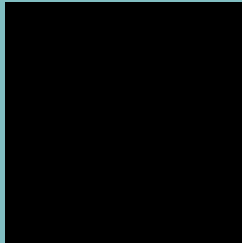
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

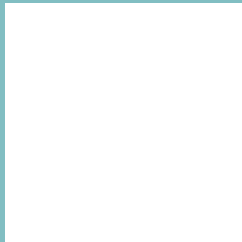
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 20.268, 204.092

Background



This preview shows how black text looks on a background with the CIELCh color 73, 20.268, 204.092.

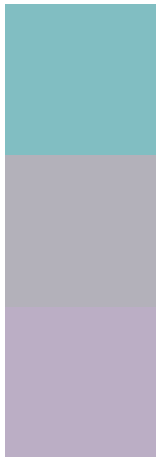


This preview shows how white text looks on a background with the CIELCh color 73, 20.268, 204.092.

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, 20.268, 204.092

Protanopia
73, 4.964, 299.161

Deuteranopia
73, 13.427, 311.802



Tritanopia
73, 19.932, 222.440

Trichromacy



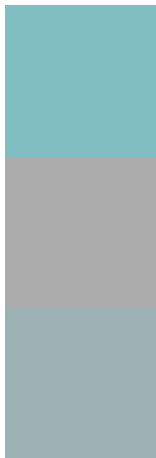
Original Color
73, 20.268, 204.092

Protanomaly
73, 8.294, 226.314

Deuteranomaly
73, 9.883, 261.094

Tritanomaly
73, 19.972, 215.563

Monochromacy



Original Color
73, 20.268, 204.092

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 7.983, 206.716

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 20.268, 204.092 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(129, 190, 194)` looks like.

```
.text, #text, p{  
    color:rgb(129, 190, 194)  
}
```

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(129, 190, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 190, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 20.268, 204.092 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(129, 190, 194) }
```

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

```
.border{ border-color:rgb(129, 190, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 190, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 190, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 190, 194);  
box-shadow:4px 4px 4px 4px rgb(129, 190,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 20.268, 204.092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 190, 194) }
```

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

```
.background{ background-color: rgb(129,  
190, 194) }
```

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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