

Converting Colors

CIELCh(73, 20.510, 153.435)

Have a look what the booklet for
CIELCh(73, 20.510, 153.435)
contains.

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Color

CIELCh(73, 20.094, 153.412)

Conversions

Conversions Part 1

Format	Color
Hex	96BCA2
RGB	150, 188, 162
RGB Percent	59%, 74%, 64%
CMY	0.4110, 0.2620, 0.3640
CMYK	0.20, 0.00, 0.14, 0.26
HSL	139°, 22%, 66%
HSV	139°, 20%, 74%
XYZ	37.1733, 45.1644, 41.0266
YIQ	173.6740, -14.3020, -16.1420

Conversions

Conversions Part 2

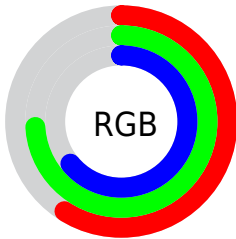
Format	Color
RYB	150, 179, 188
Decimal	9878690
CIELab	73.00, -17.97, 8.99
CIELCh	73, 20.094, 153.412
Yxy	45.1644, 0.3013, 0.3661
Android (android.graphics.Color)	4288068770 (0xFF96BCA2)
YUV	173.6740, -5.7553, -20.7621
Hunter-Lab	67.2044, -18.8728, 10.8481

Details

The CIELCh color **73, 20.094, 153.412** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **66, 20.279, 336.348**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 19.746, 153.426**, and **53, 20.382, 152.486** is the 20% darker color. If you saturate the color by 10%, you get **72, 29.998, 152.478**, and if you desaturate by 10%, it is **75, 10.118, 154.237**.

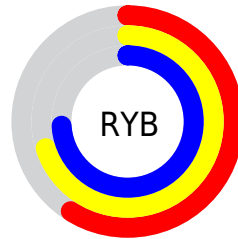
Distribution



Red (59%)

Green (74%)

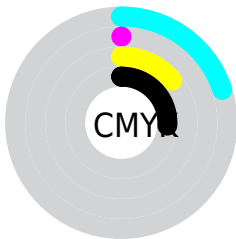
Blue (64%)



Red (59%)

Yellow (70%)

Blue (74%)

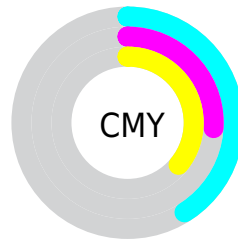


Cyan (20%)

Magenta (0%)

Yellow (14%)

Black (26%)



Cyan (41%)


Magenta (26%)

Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 20.094, 153.412 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, 20.094, 153.412 by changing the saturation by 10% instead.


 73, 20.094,
153.412


 73, 20.094,
153.412


 100, 20.094,
153.412


 63, 20.094,
153.412


 93, 20.094,
153.412

 53, 20.094,
153.412

 43, 20.094,
153.412

 33, 20.094,
153.412

 23, 20.094,
153.412

 13, 20.094,
153.412

 3, 20.094, 153.412

■ 0, 20.094, 153.412

■ 73, 20.094,
153.412

■ 73, 20.094,
153.412

■ 72, 29.998,
152.478

■ 75, 10.118,
154.237

■ 70, 39.674,
151.409

■ 76, 0.187, 156.669

■ 69, 48.951,
150.181

■ 78, 9.604, 335.509

■ 69, 57.642,
148.777

■ 80, 19.189,
336.084

■ 68, 65.570,
147.185

■ 82, 28.524,
336.590

■ 67, 72.581,
145.413

■ 84, 35.707,
333.447

■ 84, 40.771,

■ 67,78.573,
143.495

326.996

■ 67,83.505,
141.607

■ 84,41.882,
325.877

Harmonies

Complementary

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



73, 20.094, 153.412



66, 20.279, 336.348

Rectangle

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



73, 20.094, 153.412



73, 20.094, 203.412



73, 20.094, 333.412



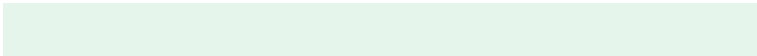
73, 20.094, 23.412

Sweetspot

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



73, 20.096, 153.411



95, 7.353, 154.561



75, 20.853, 120.647



51, 4.878, 154.509



98, 0.011, 296.813



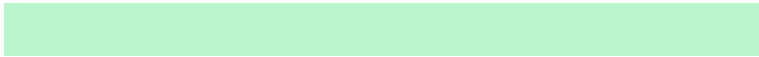
51, 0.007, 296.813

Same Dimension

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



73, 20.096, 153.411



92, 29.563, 153.035



73, 14.275, 181.458



39, 5.633, 154.304



57, 72.924, 141.895



9, 18.534, 151.142

Inverse Universe

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



66, 20.279, 336.348



82, 29.874, 336.673



66, 15.477, 5.267



37, 5.664, 335.537



35, 64.093, 345.781



3, 15.869, 340.710

Previews

White Background



This preview shows how the CIELCh color 73, 20.094, 153.412 looks on a white background.

Color Contrast Check

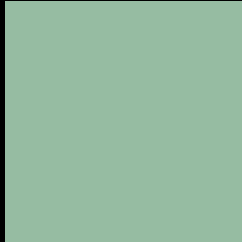
Large Text (above 18pt) WCAG AA × Fail

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, 20.094, 153.412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

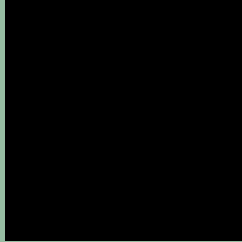
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 20.094, 153.412

Background



This preview shows how black text looks on a background with the CIELCh color 73, 20.094, 153.412.



This preview shows how white text looks on a background with the CIELCh color 73, 20.094, 153.412.

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, 20.094, 153.412

Protanopia
73, 11.888, 91.722

Deuteranopia
73, 12.003, 38.574



Tritanopia
73, 11.940, 242.105

Trichromacy



Original Color
73, 20.094, 153.412

Protanomaly
73, 12.817, 122.927

Deuteranomaly
73, 7.808, 95.093

Tritanomaly
73, 10.677, 198.599

Monochromacy



Original Color
73, 20.094, 153.412

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 7.217, 156.172

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 20.094, 153.412 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(150, 188, 162)` looks like.

```
.text, #text, p{  
    color:rgb(150, 188, 162)  
}
```

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(150, 188, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 188, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 20.094, 153.412 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(150, 188, 162) }
```

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

```
.border{ border-color:rgb(150, 188, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 188, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 188, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 188, 162);  
box-shadow:4px 4px 4px 4px rgb(150, 188,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 20.094, 153.412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 188, 162) }
```

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

```
.background{ background-color: rgb(150,  
188, 162) }
```

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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