

Converting Colors

CIELCh(71, 25.382, 165.922)

Have a look what the booklet for
CIELCh(71, 25.382, 165.922)
contains.

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Color

CIELCh(71, 25.351, 166.263)

Conversions

Conversions Part 1

Format	Color
Hex	7EBAA2
RGB	126, 186, 162
RGB Percent	49%, 73%, 64%
CMY	0.5057, 0.2704, 0.3645
CMYK	0.32, 0.00, 0.13, 0.27
HSL	156°, 30%, 61%
HSV	156°, 32%, 73%
XYZ	32.7058, 42.1875, 40.6234
YIQ	165.3240, -28.0560, -20.1840

Conversions

Conversions Part 2

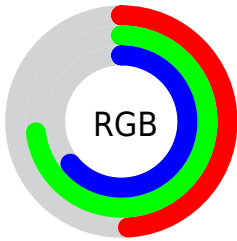
Format	Color
RYB	126, 164, 186
Decimal	8305314
CIELab	71.00, -24.63, 6.02
CIElCh	71, 25.351, 166.263
Yxy	42.1875, 0.2831, 0.3652
Android (android.graphics.Color)	4286495394 (0xFF7EBAA2)
YUV	165.3240, -1.6387, -34.4871
Hunter-Lab	64.9519, -23.7842, 8.3841

Details

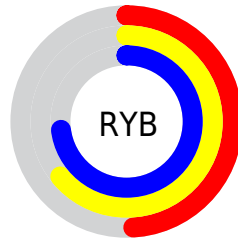
The CIELCh color **71, 25.351, 166.263** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **60, 27.005, 352.768**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 25.176, 166.758**, and **51, 25.826, 165.560** is the 20% darker color. If you saturate the color by 10%, you get **70, 32.685, 165.054**, and if you desaturate by 10%, it is **72, 17.679, 167.353**.

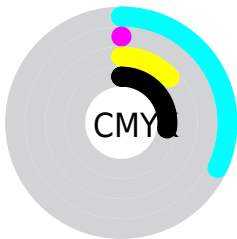
Distribution



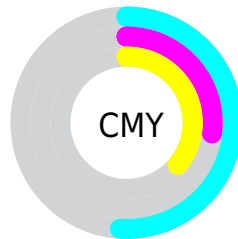
- Red (49%)
- Green (73%)
- Blue (64%)



- Red (49%)
- Yellow (64%)
- Blue (73%)



- Cyan (32%)
- Magenta (0%)
- Yellow (13%)
- Black (27%)





- Cyan (51%)
- Magenta (27%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 25.351, 166.263 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 71, 25.351, 166.263 by changing the saturation by 10% instead.


 71, 25.351,
166.263


 71, 25.351,
166.263


 100, 25.351,
166.263


 61, 25.351,
166.263


 91, 25.351,
166.263

 51, 25.351,
166.263

 41, 25.351,
166.263

 31, 25.351,
166.263

 21, 25.351,
166.263

 11, 25.351,
166.263

 1, 25.351, 166.263

■ 0, 25.351, 166.263

■ 71, 25.351,
166.263

■ 71, 25.351,
166.263

■ 70, 32.685,
165.054

■ 72, 17.679,
167.353

■ 69, 39.544,
163.706

■ 74, 9.791, 168.358

■ 68, 45.804,
162.192

■ 75, 1.798, 169.451

■ 77, 6.207, 349.984

■ 68, 51.362,
160.489

■ 79, 14.153,
350.798

■ 67, 56.160,
158.580

■ 81, 21.985,
351.535

■ 67, 60.204,
156.465

■ 83, 29.255,
351.704

■ 67, 62.965,
154.761

■ 83, 31.137,
345.284

■ 83, 33.391,
339.710

Harmonies

Complementary

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



71, 25.351, 166.263



60, 27.005, 352.768

Rectangle

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



71, 25.351, 166.263



71, 25.351, 216.263



71, 25.351, 346.263



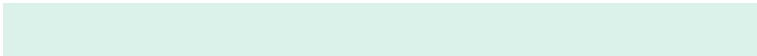
71, 25.351, 36.263

Sweetspot

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



71, 25.352, 166.261



94, 9.909, 168.561



72, 35.053, 130.462



50, 6.813, 168.423



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



71, 25.352, 166.261



89, 37.562, 165.381



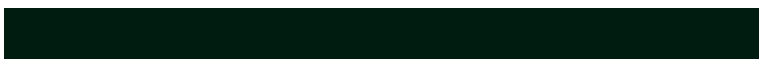
70, 18.586, 206.520



38, 4.483, 168.643



57, 54.812, 155.105



8, 13.469, 162.334

Inverse Universe

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



60, 27.005, 352.768



72, 40.578, 353.791



60, 23.362, 28.586



36, 4.567, 350.197



33, 58.552, 10.905



2, 11.623, 356.409

Previews

White Background



This preview shows how the CIELCh color 71, 25.351, 166.263 looks on a white background.

Color Contrast Check

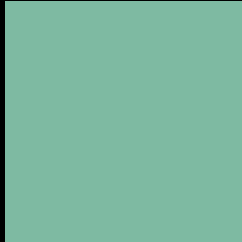
Large Text (above 18pt) WCAG AA × Fail

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 71, 25.351, 166.263 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 71, 25.351, 166.263

Background



This preview shows how black text looks on a background with the CIELCh color 71, 25.351, 166.263.

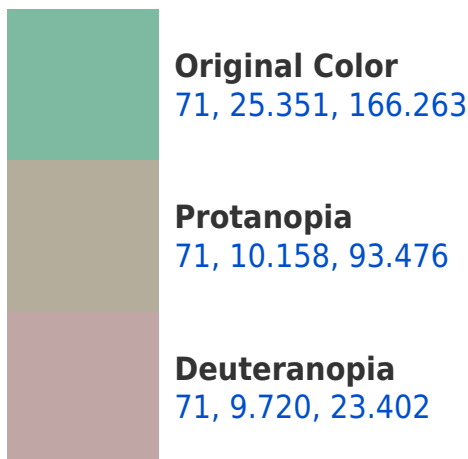


This preview shows how white text looks on a background with the CIELCh color 71, 25.351, 166.263.

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
71, 17.629, 226.200

Trichromacy



Original Color
71, 25.351, 166.263

Protanomaly
71, 12.932, 141.150

Deuteranomaly
70, 5.429, 134.487

Tritanomaly
71, 18.055, 199.743

Monochromacy



Original Color
71, 25.351, 166.263

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 9.637, 167.769

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 25.351, 166.263 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(126, 186, 162)` looks like.

```
.text, #text, p{  
    color:rgb(126, 186, 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(126, 186, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 186, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 25.351, 166.263 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(126, 186, 162) }
```

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

```
.border{ border-color:rgb(126, 186, 162) }
```

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

Here you see how a box with a 4 pixel rgb(126, 186, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 186, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 186, 162);  
box-shadow:4px 4px 4px 4px rgb(126, 186,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 25.351, 166.263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 186, 162) }
```

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

```
.background{ background-color: rgb(126,  
186, 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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