

Converting Colors

CIELCh(71, 20.128, 167.254)

Have a look what the booklet for
CIELCh(71, 20.128, 167.254)
contains.

CIELCh(71, 20.405, 167.204)	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(71, 20.405, 167.204)

Conversions

Conversions Part 1

Format	Color
Hex	88B8A5
RGB	136, 184, 165
RGB Percent	53%, 72%, 65%
CMY	0.4670, 0.2787, 0.3533
CMYK	0.26, 0.00, 0.10, 0.28
HSL	156°, 25%, 63%
HSV	156°, 26%, 72%
XYZ	34.0476, 42.1875, 41.9070
YIQ	167.4820, -22.5090, -16.0850

Conversions

Conversions Part 2

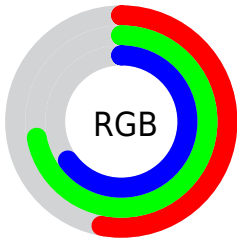
Format	Color
R_{YB}	136, 166, 184
Decimal	8960165
CIE _{Lab}	71.00, -19.90, 4.52
CIE _{LCh}	71, 20.405, 167.204
Yxy	42.1875, 0.2882, 0.3571
Android (android.graphics.Color)	4287150245 (0xFF88B8A5)
YUV	167.4820, -1.2236, -27.6097
Hunter-Lab	64.9519, -20.0966, 7.2124

Details

The CIELCh color **71, 20.405, 167.204** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62, 21.492, 352.267**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 20.374, 167.468**, and **51, 20.534, 166.578** is the 20% darker color. If you saturate the color by 10%, you get **70, 27.865, 166.069**, and if you desaturate by 10%, it is **72, 12.686, 168.236**.

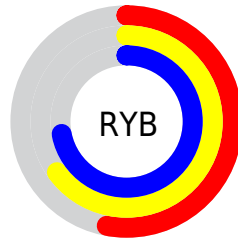
Distribution



Red (53%)

Green (72%)

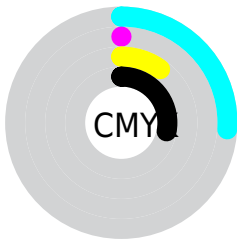
Blue (65%)



Red (53%)

Yellow (65%)

Blue (72%)

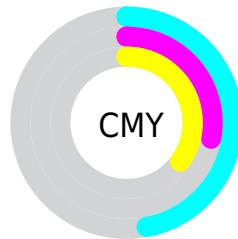


Cyan (26%)

Magenta (0%)

Yellow (10%)

Black (28%)



Cyan (47%)


Magenta (28%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 20.405, 167.204 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, 20.405, 167.204 by changing the saturation by 10% instead.


 71, 20.405,
167.204


 71, 20.405,
167.204


 100, 20.405,
167.204


 61, 20.405,
167.204


 91, 20.405,
167.204

 51, 20.405,
167.204

 41, 20.405,
167.204

 31, 20.405,
167.204

 21, 20.405,
167.204

 11, 20.405,
167.204

 1, 20.405, 167.204

0, 20.405, 167.204

71, 20.405,
167.204

71, 20.405,
167.204

70, 27.865,
166.069

72, 12.686,
168.236

69, 34.935,
164.812

74, 4.820, 169.223

68, 41.486,
163.406

75, 3.094, 349.862

67, 47.399,
161.826

77, 10.977,
350.758

67, 52.590,
160.050

79, 18.768,
351.521

66, 57.022,
158.066

81, 26.424,
352.230

82, 30.884,

■ 66, 60.739,
155.888

349.191

■ 66, 62.100,
155.046

■ 82, 32.858,
343.380

■ 83, 35.156,
338.324

Harmonies

Complementary

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



71, 20.405, 167.204



62, 21.492, 352.267

Rectangle

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



71, 20.405, 167.204



71, 20.405, 217.204



71, 20.405, 347.204



71, 20.405, 37.204

Sweetspot

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



71, 20.406, 167.202



93, 7.841, 169.018



72, 28.274, 131.322



49, 5.567, 168.870



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 20.406, 167.202



89, 29.872, 166.602



70, 15.040, 208.391



38, 4.470, 168.899



57, 54.548, 155.369



8, 13.428, 162.561

Inverse Universe

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



62, 21.492, 352.267



76, 31.809, 352.940



62, 18.015, 29.570



36, 4.556, 350.457



33, 58.590, 11.306



2, 11.603, 356.637

Previews

White Background



This preview shows how the CIELCh color 71, 20.405, 167.204 looks on a white background.

Color Contrast Check

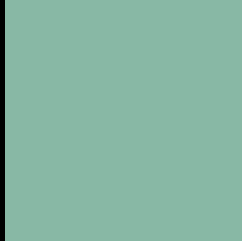
Large Text (above 18pt) WCAG AA × Fail

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 71, 20.405, 167.204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

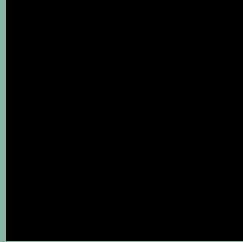
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 20.405, 167.204

Background



This preview shows how black text looks on a background with the CIELCh color 71, 20.405, 167.204.

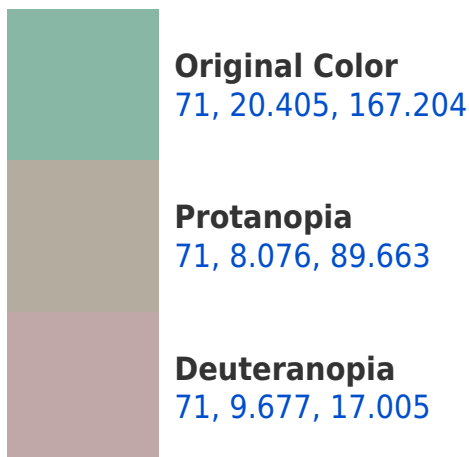


This preview shows how white text looks on a background with the CIELCh color 71, 20.405, 167.204.

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, 14.767, 229.896

Trichromacy



Original Color
71, 20.405, 167.204

Protanomaly
71, 10.063, 138.787

Deuteranomaly
70, 3.291, 116.462

Tritanomaly
71, 14.294, 202.709

Monochromacy



Original Color
71, 20.405, 167.204

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 7.466, 167.887

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 20.405, 167.204 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(136, 184, 165)` looks like.

```
.text, #text, p{  
    color:rgb(136, 184, 165)  
}
```

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(136, 184, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 184, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 20.405, 167.204 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(136, 184, 165) }
```

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

```
.border{ border-color:rgb(136, 184, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 184, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 184, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 184, 165);  
box-shadow:4px 4px 4px 4px rgb(136, 184,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 20.405, 167.204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 184, 165) }
```

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

```
.background{ background-color: rgb(136,  
184, 165) }
```

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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