

Converting Colors

CIELCh(72, 22.369, 158.017)

Have a look what the booklet for
CIELCh(72, 22.369, 158.017)
contains.

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Color

CIELCh(72, 22.216, 158.208)

Conversions

Conversions Part 1

Format	Color
Hex	8DBBA1
RGB	141, 187, 161
RGB Percent	55%, 73%, 63%
CMY	0.4479, 0.2675, 0.3694
CMYK	0.25, 0.00, 0.14, 0.27
HSL	146°, 25%, 64%
HSV	146°, 25%, 73%
XYZ	35.0879, 43.6590, 40.1989
YIQ	170.2820, -19.0700, -17.8380

Conversions

Conversions Part 2

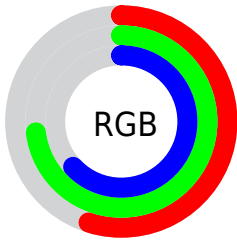
Format	Color
RYB	141, 173, 187
Decimal	9288609
CIELab	72.00, -20.63, 8.25
CIELCh	72, 22.216, 158.208
Yxy	43.6590, 0.2950, 0.3670
Android (android.graphics.Color)	4287478689 (0xFF8DBBA1)
YUV	170.2820, -4.5760, -25.6803
Hunter-Lab	66.0750, -20.8422, 10.1814

Details

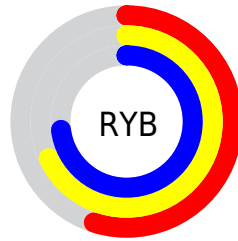
The CIELCh color **72, 22.216, 158.208** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **64, 22.704, 342.332**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 22.050, 158.775**, and **52, 22.556, 157.306** is the 20% darker color. If you saturate the color by 10%, you get **71, 31.054, 157.154**, and if you desaturate by 10%, it is **73, 13.213, 159.146**.

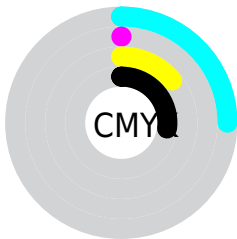
Distribution



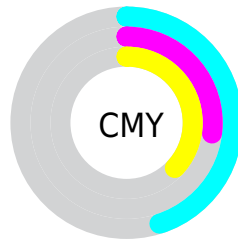
- Red (55%)
- Green (73%)
- Blue (63%)



- Red (55%)
- Yellow (68%)
- Blue (73%)



- Cyan (25%)
- Magenta (0%)
- Yellow (14%)
- Black (27%)



- Cyan (45%)
- Magenta (27%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 22.216, 158.208 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 72, 22.216, 158.208 by changing the saturation by 10% instead.

 72, 22.216,
158.208

 72, 22.216,
158.208


 100, 22.216,
158.208

 62, 22.216,
158.208

 92, 22.216,
158.208


 52, 22.216,
158.208

 42, 22.216,
158.208

 32, 22.216,
158.208

 22, 22.216,
158.208

 12, 22.216,
158.208

 2, 22.216, 158.208

■ 0, 22.216, 158.208

■ 72, 22.216,
158.208

■ 72, 22.216,
158.208

■ 71, 31.054,
157.154

■ 73, 13.213,
159.146

■ 70, 39.579,
155.959

■ 75, 4.165, 160.032

■ 69, 47.640,
154.600

■ 77, 4.830, 340.612

■ 68, 55.084,
153.053

■ 79, 13.695,
341.332

■ 67, 61.785,
151.304

■ 81, 22.376,
341.954

■ 67, 67.660,
149.350

■ 83, 30.837,
342.521

■ 83, 34.855,

■ 67, 72.698,
147.218

336.123

■ 67, 75.167,
146.082

■ 84, 38.794,
330.244

■ 84, 42.758,
325.906

Harmonies

Complementary

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



72, 22.216, 158.208



64, 22.704, 342.332

Rectangle

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



72, 22.216, 158.208



72, 22.216, 208.208



72, 22.216, 338.208



72, 22.216, 28.208

Sweetspot

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



72, 22.217, 158.207



94, 7.798, 159.804



73, 25.907, 125.521



50, 5.109, 159.751



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



72, 22.217, 158.207



90, 33.336, 157.605



73, 16.164, 192.193



39, 5.158, 159.608



57, 66.006, 146.391



9, 17.335, 154.595

Inverse Universe

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



64, 22.704, 342.332



77, 34.220, 342.899



63, 18.640, 16.096



37, 5.207, 340.983



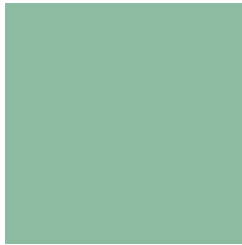
34, 60.406, 355.503



3, 14.514, 347.746

Previews

White Background



This preview shows how the CIELCh color 72, 22.216, 158.208 looks on a white background.

Color Contrast Check

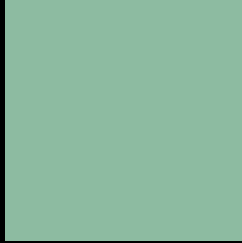
Large Text (above 18pt) WCAG AA × Fail

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 72, 22.216, 158.208 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 72, 22.216, 158.208

Background



This preview shows how black text looks on a background with the CIELCh color 72, 22.216, 158.208.



This preview shows how white text looks on a background with the CIELCh color 72, 22.216, 158.208.

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
72, 22.216, 158.208

Protanopia
72, 11.408, 90.968

Deuteranopia
72, 11.076, 37.232



Tritanopia
72, 13.684, 232.687

Trichromacy



Original Color
72, 22.216, 158.208

Protanomaly
72, 12.691, 128.536

Deuteranomaly
72, 7.061, 106.345

Tritanomaly
72, 13.743, 196.054

Monochromacy



Original Color
72, 22.216, 158.208

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 8.092, 161.366

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 22.216, 158.208 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(141, 187, 161)` looks like.

```
.text, #text, p{  
    color:rgb(141, 187, 161)  
}
```

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(141, 187, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 187, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 22.216, 158.208 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(141, 187, 161) }
```

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

```
.border{ border-color:rgb(141, 187, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 187, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 187, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 187, 161);  
box-shadow:4px 4px 4px 4px rgb(141, 187,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 22.216, 158.208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 187, 161) }
```

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

```
.background{ background-color: rgb(141,  
187, 161) }
```

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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