

Converting Colors

CIELCh(72, 19.969, 168.234)

Have a look what the booklet for
CIELCh(72, 19.969, 168.234)
contains.

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Color

CIELCh(72, 20.352, 167.246)

Conversions

Conversions Part 1

Format	Color
Hex	8BBBA8
RGB	139, 187, 168
RGB Percent	55%, 73%, 66%
CMY	0.4563, 0.2681, 0.3426
CMYK	0.26, 0.00, 0.10, 0.27
HSL	156°, 26%, 64%
HSV	156°, 26%, 73%
XYZ	35.3168, 43.6590, 43.4379
YIQ	170.4820, -22.5090, -16.0850

Conversions

Conversions Part 2

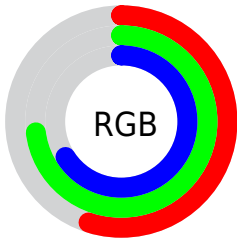
Format	Color
RYB	139, 169, 187
Decimal	9157544
CIELab	72.00, -19.85, 4.49
CIELCh	72, 20.352, 167.246
Yxy	43.6590, 0.2885, 0.3567
Android (android.graphics.Color)	4287347624 (0xFF8BBBA8)
YUV	170.4820, -1.2236, -27.6097
Hunter-Lab	66.0750, -20.2236, 7.2750

Details

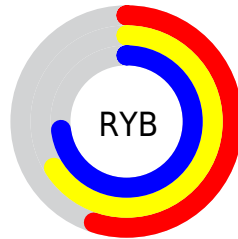
The CIELCh color **72, 20.352, 167.246** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63, 21.421, 352.228**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 20.330, 167.493**, and **52, 20.470, 166.659** is the 20% darker color. If you saturate the color by 10%, you get **71, 27.913, 166.114**, and if you desaturate by 10%, it is **73, 12.533, 168.276**.

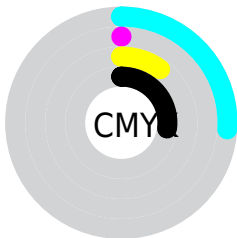
Distribution



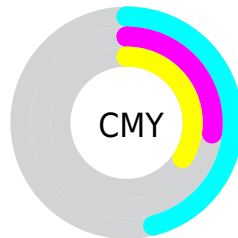
- Red (55%)
- Green (73%)
- Blue (66%)



- Red (55%)
- Yellow (66%)
- Blue (73%)



- Cyan (26%)
- Magenta (0%)
- Yellow (10%)
- Black (27%)





- Cyan (46%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 20.352, 167.246 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, 20.352, 167.246 by changing the saturation by 10% instead.


 72, 20.352,
167.246


 72, 20.352,
167.246


 100, 20.352,
167.246


 62, 20.352,
167.246


 92, 20.352,
167.246

 52, 20.352,
167.246

 42, 20.352,
167.246

 32, 20.352,
167.246

 22, 20.352,
167.246

 12, 20.352,
167.246

 2, 20.352, 167.246

■ 0, 20.352, 167.246

■ 72, 20.352,
167.246

■ 72, 20.352,
167.246

■ 71, 27.913,
166.114

■ 73, 12.533,
168.276

■ 70, 35.083,
164.860

■ 75, 4.569, 169.266

■ 69, 41.731,
163.458

■ 76, 3.440, 349.910

■ 78, 11.414,
350.793

■ 68, 47.738,
161.882

■ 80, 19.294,
351.554

■ 68, 53.014,
160.111

■ 82, 27.035,
352.262

■ 67, 57.522,
158.131

■ 83, 30.185,

■ 67, 61.300,
155.954

347.354

■ 67, 62.808,
155.024

■ 83, 32.307,
341.491

■ 83, 34.750,
336.451

Harmonies

Complementary

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



72, 20.352, 167.246



63, 21.421, 352.228

Rectangle

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



72, 20.352, 167.246



72, 20.352, 217.246



72, 20.352, 347.246



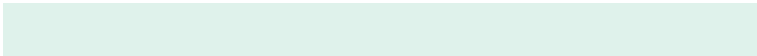
72, 20.352, 37.246

Sweetspot

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



72, 20.353, 167.244



94, 7.908, 169.021



73, 28.193, 131.339



50, 5.664, 168.872



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, 20.353, 167.244



90, 30.127, 166.603



71, 15.015, 208.390



39, 4.572, 168.900



57, 55.233, 155.339



9, 15.385, 162.008

Inverse Universe

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



63, 21.421, 352.228



76, 32.082, 352.946



63, 17.936, 29.548



37, 4.660, 350.464



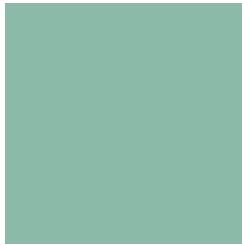
33, 59.302, 11.388



3, 13.270, 357.574

Previews

White Background



This preview shows how the CIELCh color 72, 20.352, 167.246 looks on a white background.

Color Contrast Check

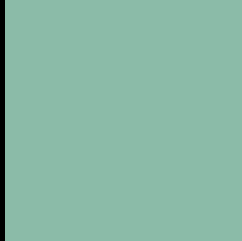
Large Text (above 18pt) WCAG AA × Fail

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, 20.352, 167.246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

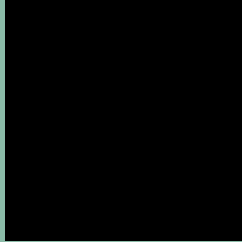
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 20.352, 167.246

Background



This preview shows how black text looks on a background with the CIELCh color 72, 20.352, 167.246.

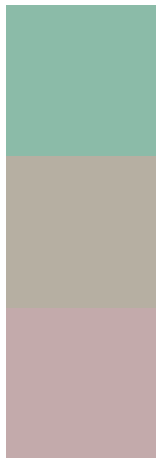


This preview shows how white text looks on a background with the CIELCh color 72, 20.352, 167.246.

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](#).

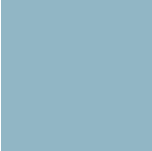
Dichromacy



Original Color
72, 20.352, 167.246

Protanopia
72, 7.547, 88.378

Deuteranopia
72, 9.642, 16.988



Tritanopia
72, 14.730, 232.474

Trichromacy



Original Color
72, 20.352, 167.246

Protanomaly
72, 9.570, 140.381

Deuteranomaly
72, 3.280, 116.466

Tritanomaly
72, 14.269, 202.718

Monochromacy



Original Color
72, 20.352, 167.246

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 7.443, 167.902

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 20.352, 167.246 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(139, 187, 168)` looks like.

```
.text, #text, p{  
    color:rgb(139, 187, 168)  
}
```

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(139, 187, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 187, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 20.352, 167.246 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(139, 187, 168) }
```

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

```
.border{ border-color:rgb(139, 187, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 187, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 187, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 187, 168);  
box-shadow:4px 4px 4px 4px rgb(139, 187,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 20.352, 167.246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 187, 168) }
```

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

```
.background{ background-color: rgb(139,  
187, 168) }
```

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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