

Converting Colors

CIELCh(72, 31.204, 155.460)

Have a look what the booklet for
CIELCh(72, 31.204, 155.460)
contains.

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Color

CIELCh(72, 31.112, 155.573)

Conversions

Conversions Part 1

Format	Color
Hex	7FBE98
RGB	127, 190, 152
RGB Percent	50%, 75%, 60%
CMY	0.5016, 0.2545, 0.4035
CMYK	0.33, 0.00, 0.20, 0.25
HSL	144°, 33%, 62%
HSV	144°, 33%, 75%
XYZ	32.8766, 43.6590, 36.4406
YIQ	166.8310, -25.3500, -25.1740

Conversions

Conversions Part 2

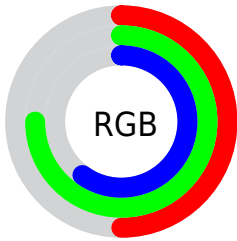
Format	Color
RYB	127, 172, 190
Decimal	8371864
CIELab	72.00, -28.33, 12.87
CIElCh	72, 31.112, 155.573
Yxy	43.6590, 0.2910, 0.3864
Android (android.graphics.Color)	4286561944 (0xFF7FBE98)
YUV	166.8310, -7.3117, -34.9318
Hunter-Lab	66.0750, -26.8157, 13.5538

Details

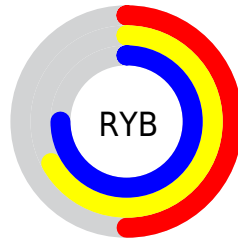
The CIELCh color **72, 31.112, 155.573** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **61, 31.812, 341.215**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 31.565, 155.401**, and **52, 30.961, 155.677** is the 20% darker color. If you saturate the color by 10%, you get **71, 40.120, 154.417**, and if you desaturate by 10%, it is **73, 21.821, 156.588**.

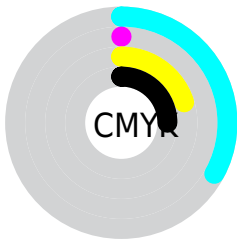
Distribution



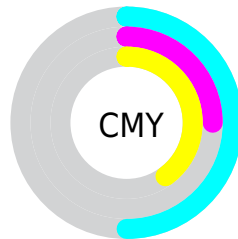
- Red (50%)
- Green (75%)
- Blue (60%)



- Red (50%)
- Yellow (67%)
- Blue (75%)



- Cyan (33%)
- Magenta (0%)
- Yellow (20%)
- Black (25%)





- Cyan (50%)
- Magenta (25%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 31.112, 155.573 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, 31.112, 155.573 by changing the saturation by 10% instead.


 72, 31.112,
155.573


 72, 31.112,
155.573


 100, 31.112,
155.573


 62, 31.112,
155.573


 92, 31.112,
155.573

 52, 31.112,
155.573

 42, 31.112,
155.573

 32, 31.112,
155.573

 22, 31.112,
155.573

 12, 31.112,
155.573

 2, 31.112, 155.573

■ 0, 31.112, 155.573

■ 72, 31.112,
155.573

■ 72, 31.112,
155.573

■ 71, 40.120,
154.417

■ 73, 21.821,
156.588

■ 70, 48.678,
153.097

■ 75, 12.391,
157.491

■ 69, 56.624,
151.592

■ 76, 2.948, 158.372

■ 78, 6.412, 338.901

■ 68, 63.812,
149.887

■ 80, 15.613,
339.568

■ 68, 70.139,
147.983

■ 82, 24.604,
340.151

■ 68, 75.566,
145.908

■ 84, 32.020,

■ 68, 78.868,
144.479

338.267

■ 84, 36.181,
331.160

■ 85, 40.692,
325.836

Harmonies

Complementary

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



72, 31.112, 155.573



61, 31.812, 341.215

Rectangle

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



72, 31.112, 155.573



72, 31.112, 205.573



72, 31.112, 335.573



72, 31.112, 25.573

Sweetspot

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



72, 31.113, 155.572



95, 11.666, 157.744



74, 34.857, 123.192



51, 8.027, 157.624



99, 0.012, 296.813



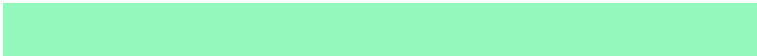
52, 0.007, 296.813

Same Dimension

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



72, 31.113, 155.572



90, 46.196, 154.720



73, 21.918, 187.135



39, 5.305, 157.813



57, 68.312, 144.809



9, 17.737, 153.365

Inverse Universe

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



61, 31.812, 341.215



73, 47.363, 341.970



60, 26.120, 13.379



37, 5.347, 339.141



34, 61.356, 352.220



3, 14.900, 345.483

Previews

White Background



This preview shows how the CIELCh color 72, 31.112, 155.573 looks on a white background.

Color Contrast Check

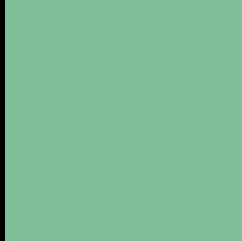
Large Text (above 18pt) WCAG AA × Fail

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 72, 31.112, 155.573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

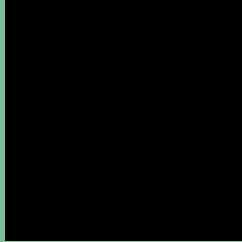
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 31.112, 155.573

Background



This preview shows how black text looks on a background with the CIELCh color 72, 31.112, 155.573.

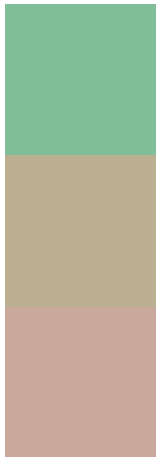


This preview shows how white text looks on a background with the CIELCh color 72, 31.112, 155.573.

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](#).

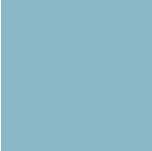
Dichromacy



Original Color
72, 31.112, 155.573

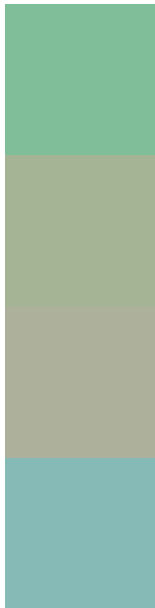
Protanopia
72, 16.849, 93.310

Deuteranopia
72, 14.302, 49.658



Tritanopia
72, 17.345, 226.629

Trichromacy



Original Color
72, 31.112, 155.573

Protanomaly
71, 18.314, 127.158

Deuteranomaly
71, 12.038, 116.433

Tritanomaly
72, 18.472, 191.138

Monochromacy



Original Color
72, 31.112, 155.573

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 11.259, 159.281

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 31.112, 155.573 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(127, 190, 152)` looks like.

```
.text, #text, p{  
    color:rgb(127, 190, 152)  
}
```

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(127, 190, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 190, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 31.112, 155.573 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(127, 190, 152) }
```

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

```
.border{ border-color:rgb(127, 190, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 190, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 190, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 190, 152);  
box-shadow:4px 4px 4px 4px rgb(127, 190,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 31.112, 155.573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 190, 152) }
```

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

```
.background{ background-color: rgb(127,  
190, 152) }
```

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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