

Converting Colors

CIELCh(72, 27.640, 168.116)

Have a look what the booklet for
CIELCh(72, 27.640, 168.116)
contains.

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Color

CIELCh(72, 27.756, 167.850)

Conversions

Conversions Part 1

Format	Color
Hex	7ABEA5
RGB	122, 190, 165
RGB Percent	48%, 75%, 65%
CMY	0.5217, 0.2550, 0.3531
CMYK	0.36, 0.00, 0.13, 0.26
HSL	158°, 34%, 61%
HSV	158°, 36%, 74%
XYZ	33.2130, 43.6590, 42.2550
YIQ	166.8180, -32.5030, -22.1910

Conversions

Conversions Part 2

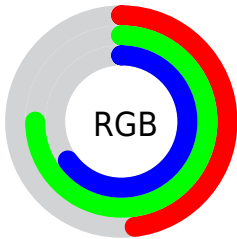
Format	Color
RYB	122, 164, 190
Decimal	8044197
CIELab	72.00, -27.13, 5.84
CIELCh	72, 27.756, 167.850
Yxy	43.6590, 0.2788, 0.3665
Android (android.graphics.Color)	4286234277 (0xFF7ABEA5)
YUV	166.8180, -0.8963, -39.3054
Hunter-Lab	66.0750, -25.9071, 8.3365

Details

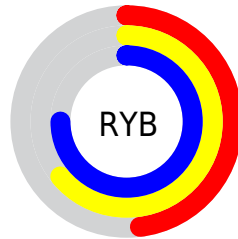
The CIELCh color **72, 27.756, 167.850** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **59, 30.093, 355.397**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 27.859, 167.522**, and **52, 27.787, 167.893** is the 20% darker color. If you saturate the color by 10%, you get **71, 34.813, 166.595**, and if you desaturate by 10%, it is **73, 20.288, 168.982**.

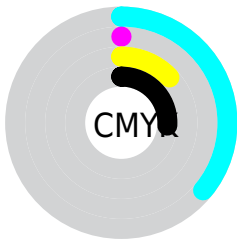
Distribution



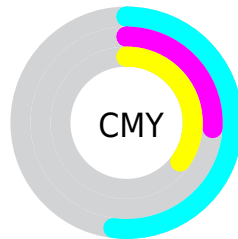
- Red (48%)
- Green (75%)
- Blue (65%)



- Red (48%)
- Yellow (64%)
- Blue (75%)



- Cyan (36%)
- Magenta (0%)
- Yellow (13%)
- Black (26%)




- Cyan (52%)
- Magenta (26%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 27.756, 167.850 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, 27.756, 167.850 by changing the saturation by 10% instead.


 72, 27.756,
167.850


 72, 27.756,
167.850


 100, 27.756,
167.850


 62, 27.756,
167.850


 92, 27.756,
167.850

 52, 27.756,
167.850

 42, 27.756,
167.850

 32, 27.756,
167.850

 22, 27.756,
167.850

 12, 27.756,
167.850

 2, 27.756, 167.850

■ 0, 27.756, 167.850

■ 72, 27.756,
167.850

■ 72, 27.756,
167.850

■ 71, 34.813,
166.595

■ 73, 20.288,
168.982

■ 70, 41.325,
165.198

■ 75, 12.536,
170.023

■ 69, 47.175,
163.632

■ 76, 4.619, 171.025

■ 69, 52.277,
161.874

■ 78, 3.363, 351.674

■ 69, 56.599,
159.910

■ 79, 11.327,
352.579

■ 68, 60.185,
157.748

■ 81, 19.212,
353.360

■ 83, 26.971,

■ 68, 61.584,
156.840

354.088

■ 84, 28.627,
347.436

■ 84, 30.634,
341.598

Harmonies

Complementary

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



72, 27.756, 167.850



59, 30.093, 355.397

Rectangle

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



72, 27.756, 167.850



72, 27.756, 217.850



72, 27.756, 347.850



72, 27.756, 37.850

Sweetspot

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



72, 27.757, 167.849



95, 10.845, 170.482



73, 39.884, 131.384



51, 7.341, 170.346



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, 27.757, 167.849



90, 40.693, 166.869



70, 20.095, 210.492



39, 4.488, 170.663



57, 53.436, 157.182



9, 15.048, 163.626

Inverse Universe

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



59, 30.093, 355.397



71, 44.885, 356.617



60, 26.046, 31.691



37, 4.584, 352.248



33, 59.652, 14.077



3, 13.128, 359.110

Previews

White Background



This preview shows how the CIELCh color 72, 27.756, 167.850 looks on a white background.

Color Contrast Check

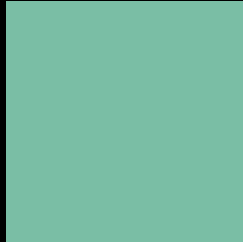
Large Text (above 18pt) WCAG AA × Fail

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, 27.756, 167.850 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, 27.756, 167.850

Background



This preview shows how black text looks on a background with the CIELCh color 72, 27.756, 167.850.



This preview shows how white text looks on a background with the CIELCh color 72, 27.756, 167.850.

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, 27.756, 167.850

Protanopia
72, 10.249, 91.366

Deuteranopia
72, 9.685, 23.389



Tritanopia
72, 19.431, 223.211

Trichromacy



Original Color
72, 27.756, 167.850

Protanomaly
71, 13.114, 142.505

Deuteranomaly
71, 5.989, 144.196

Tritanomaly
72, 20.173, 197.847

Monochromacy



Original Color
72, 27.756, 167.850

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 10.244, 169.773

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 27.756, 167.850 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(122, 190, 165)` looks like.

```
.text, #text, p{  
    color:rgb(122, 190, 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(122, 190, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 190, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 27.756, 167.850 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(122, 190, 165) }
```

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

```
.border{ border-color:rgb(122, 190, 165) }
```

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

Here you see how a box with a 4 pixel rgb(122, 190, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 190, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 190, 165);  
box-shadow:4px 4px 4px 4px rgb(122, 190,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 27.756, 167.850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 190, 165) }
```

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

```
.background{ background-color: rgb(122,  
190, 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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