

Converting Colors

CIELCh(72, 11.623, 168.118)

Have a look what the booklet for
CIELCh(72, 11.623, 168.118)
contains.

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Color

CIELCh(72, 11.682, 167.667)

Conversions

Conversions Part 1

Format	Color
Hex	9CB7AC
RGB	156, 183, 172
RGB Percent	61%, 72%, 67%
CMY	0.3900, 0.2842, 0.3273
CMYK	0.15, 0.00, 0.06, 0.28
HSL	156°, 16%, 66%
HSV	156°, 15%, 72%
XYZ	37.8626, 43.6590, 45.2303
YIQ	173.6730, -12.5610, -9.1450

Conversions

Conversions Part 2

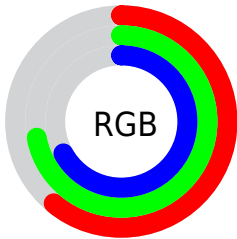
Format	Color
RYB	156, 173, 183
Decimal	10270636
CIELab	72.00, -11.41, 2.50
CIELCh	72, 11.682, 167.667
Yxy	43.6590, 0.2987, 0.3444
Android (android.graphics.Color)	4288460716 (0xFF9CB7AC)
YUV	173.6730, -0.8248, -15.4992
Hunter-Lab	66.0750, -13.3463, 5.6667

Details

The CIELCh color $72, 11.682, 167.667$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $67, 12.013, 350.290$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 11.706, 166.683$, and $52, 11.753, 168.593$ is the 20% darker color. If you saturate the color by 10%, you get $71, 19.454, 166.644$, and if you desaturate by 10%, it is $73, 3.789, 168.654$.

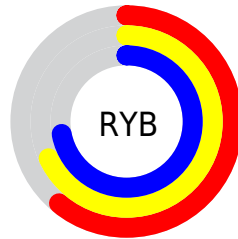
Distribution



Red (61%)

Green (72%)

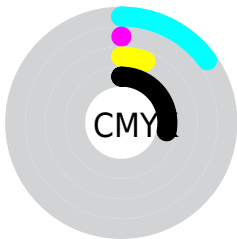
Blue (67%)



Red (61%)

Yellow (68%)

Blue (72%)

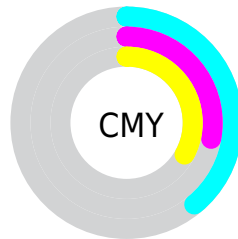


Cyan (15%)

Magenta (0%)

Yellow (6%)

Black (28%)



Cyan (39%)


Magenta (28%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 11.682, 167.667 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, 11.682, 167.667 by changing the saturation by 10% instead.


 72, 11.682,
167.667


 72, 11.682,
167.667


 100, 11.682,
167.667


 62, 11.682,
167.667


 92, 11.682,
167.667

 52, 11.682,
167.667

 42, 11.682,
167.667

 32, 11.682,
167.667

 22, 11.682,
167.667

 12, 11.682,
167.667

 2, 11.682, 167.667

■ 0, 11.682, 167.667

■ 72, 11.682,
167.667

■ 72, 11.682,
167.667

■ 71, 19.454,
166.644

■ 73, 3.789, 168.654

■ 69, 26.988,
165.529

■ 75, 4.135, 349.292

■ 68, 34.158,
164.290

■ 77, 12.012,
350.142

■ 68, 40.834,
162.904

■ 79, 19.786,
350.888

■ 67, 46.895,
161.345

■ 81, 27.415,
351.582

■ 66, 52.247,
159.592

■ 82, 31.753,
348.393

■ 82, 33.815,

■ 66, 56.847,
157.631

342.670

■ 66, 60.718,
155.468

■ 82, 36.199,
337.701

■ 66, 62.573,
154.335

■ 82, 38.843,
333.425

Harmonies

Complementary

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



72, 11.682, 167.667



67, 12.013, 350.290

Rectangle

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



72, 11.682, 167.667



72, 11.682, 217.667



72, 11.682, 347.667



72, 11.682, 37.667

Sweetspot

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



72, 11.684, 167.663



93, 3.916, 168.737



72, 15.845, 131.301



50, 2.806, 168.651



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



72, 11.684, 167.663



90, 17.561, 167.314



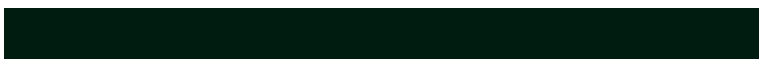
72, 8.917, 206.685



38, 4.505, 168.193



56, 55.280, 154.645



8, 13.542, 161.941

Inverse Universe

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



67, 12.013, 350.290



83, 18.176, 350.658



67, 9.824, 27.437



36, 4.588, 349.741



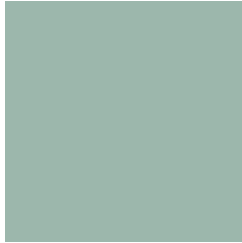
33, 58.494, 10.196



2, 11.659, 356.004

Previews

White Background



This preview shows how the CIELCh color 72, 11.682, 167.667 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, 11.682, 167.667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

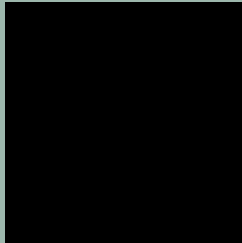
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

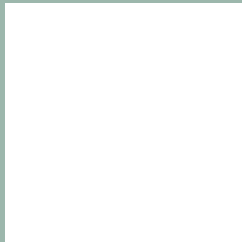
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 11.682, 167.667

Background



This preview shows how black text looks on a background with the CIELCh color 72, 11.682, 167.667.



This preview shows how white text looks on a background with the CIELCh color 72, 11.682, 167.667.

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](#).

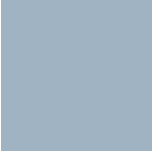
Dichromacy



Original Color
72, 11.682, 167.667

Protanopia
72, 4.423, 78.512

Deuteranopia
72, 9.433, 6.923



Tritanopia
72, 10.605, 249.655

Trichromacy



Original Color
72, 11.682, 167.667

Protanomaly
72, 5.406, 134.492

Deuteranomaly
72, 2.168, 49.343

Tritanomaly
72, 8.419, 221.797

Monochromacy



Original Color
72, 11.682, 167.667

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 4.029, 166.422

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 11.682, 167.667 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(156, 183, 172)` looks like.

```
.text, #text, p{  
    color:rgb(156, 183, 172)  
}
```

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(156, 183, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 183, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 11.682, 167.667 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(156, 183, 172) }
```

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

```
.border{ border-color:rgb(156, 183, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 183, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 183, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 183, 172);  
box-shadow:4px 4px 4px 4px rgb(156, 183,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 11.682, 167.667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 183, 172) }
```

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

```
.background{ background-color: rgb(156,  
183, 172) }
```

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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