

Converting Colors

CIELCh(72, 16.605, 146.564)

Have a look what the booklet for
CIELCh(72, 16.605, 146.564)
contains.

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Color

CIELCh(72, 16.414, 145.715)

Conversions

Conversions Part 1

Format	Color
Hex	9DB79F
RGB	157, 183, 159
RGB Percent	62%, 72%, 62%
CMY	0.3835, 0.2815, 0.3756
CMYK	0.14, 0.00, 0.13, 0.28
HSL	125°, 15%, 67%
HSV	125°, 14%, 72%
XYZ	37.2028, 43.6590, 39.3653
YIQ	172.4900, -7.7920, -12.9760

Conversions

Conversions Part 2

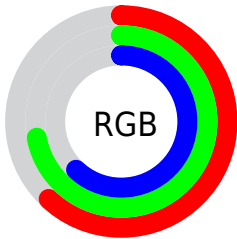
Format	Color
RYB	157, 181, 183
Decimal	10336159
CIELab	72.00, -13.56, 9.25
CIElCh	72, 16.414, 145.715
Yxy	43.6590, 0.3094, 0.3631
Android (android.graphics.Color)	4288526239 (0xFF9DB79F)
YUV	172.4900, -6.6506, -13.5847
Hunter-Lab	66.0750, -15.1287, 10.9295

Details

The CIELCh color $72, 16.414, 145.715$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $68, 16.441, 327.368$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 16.222, 145.821$, and $52, 16.329, 146.668$ is the 20% darker color. If you saturate the color by 10%, you get $70, 28.052, 144.956$, and if you desaturate by 10%, it is $74, 4.816, 146.396$.

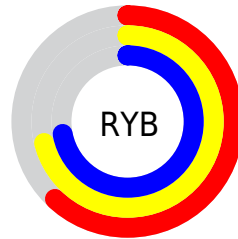
Distribution



Red (62%)

Green (72%)

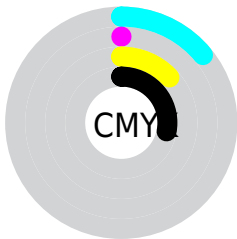
Blue (62%)



Red (62%)

Yellow (71%)

Blue (72%)

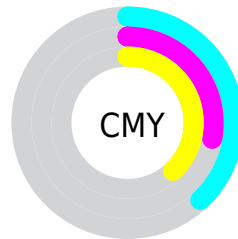


Cyan (14%)

Magenta (0%)

Yellow (13%)

Black (28%)



Cyan (38%)


Magenta (28%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 16.414, 145.715 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, 16.414, 145.715 by changing the saturation by 10% instead.


 72, 16.414,
145.715


 72, 16.414,
145.715


 100, 16.414,
145.715


 62, 16.414,
145.715


 92, 16.414,
145.715

 52, 16.414,
145.715

 42, 16.414,
145.715

 32, 16.414,
145.715

 22, 16.414,
145.715

 12, 16.414,
145.715

 2, 16.414, 145.715

0, 16.414, 145.715

72, 16.414,
145.715

72, 16.414,
145.715

70, 28.052,
144.956

74, 4.816, 146.396

69, 39.551,
144.076

76, 6.622, 326.851

68, 50.692,
143.065

78, 17.808,
327.344

67, 61.203,
141.924

80, 28.687,
327.751

66, 70.767,
140.677

82, 39.227,
328.098

66, 79.027,
139.382

83, 44.970,
325.982

■ 65, 85.616,
138.139

■ 65, 90.215,
137.078

■ 65, 91.990,
136.662

Harmonies

Complementary

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



72, 16.414, 145.715



68, 16.441, 327.368

Rectangle

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



72, 16.414, 145.715



72, 16.414, 195.715



72, 16.414, 325.715



72, 16.414, 15.715

Sweetspot

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



72, 16.416, 145.715



93, 5.662, 146.405



74, 14.017, 111.591



50, 4.060, 146.352



97, 0.011, 296.813



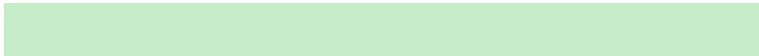
50, 0.007, 296.813

Same Dimension

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



72, 16.416, 145.715



90, 24.276, 145.492



72, 11.461, 166.185



38, 6.544, 146.048



56, 81.273, 136.783



8, 18.180, 145.987

Inverse Universe

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



68, 16.441, 327.368



84, 24.311, 327.547



67, 11.739, 348.651



36, 6.556, 327.084



36, 75.272, 331.503



3, 17.405, 327.857

Previews

White Background



This preview shows how the CIELCh color 72, 16.414, 145.715 looks on a white background.

Color Contrast Check

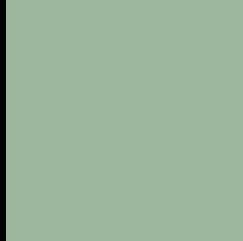
Large Text (above 18pt) WCAG AA × Fail

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, 16.414, 145.715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

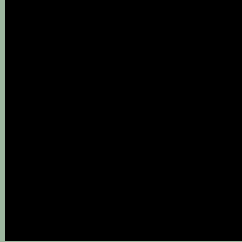
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

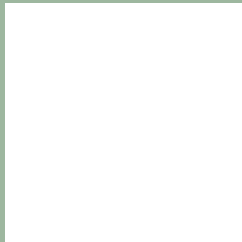
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 16.414, 145.715

Background



This preview shows how black text looks on a background with the CIELCh color 72, 16.414, 145.715.



This preview shows how white text looks on a background with the CIELCh color 72, 16.414, 145.715.

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](#).

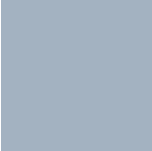
Dichromacy



Original Color
72, 16.414, 145.715

Protanopia
72, 11.801, 93.544

Deuteranopia
72, 11.867, 41.577



Tritanopia
72, 9.619, 257.572

Trichromacy



Original Color
72, 16.414, 145.715

Protanomaly
72, 12.075, 118.258

Deuteranomaly
72, 8.198, 87.097

Tritanomaly
72, 6.897, 203.461

Monochromacy



Original Color
72, 16.414, 145.715

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 6.214, 146.983

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 16.414, 145.715 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(157, 183, 159)` looks like.

```
.text, #text, p{  
    color:rgb(157, 183, 159)  
}
```

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(157, 183, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 183, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 16.414, 145.715 is called "border". The border property can be set on classes, ids or directly on the HTML element.

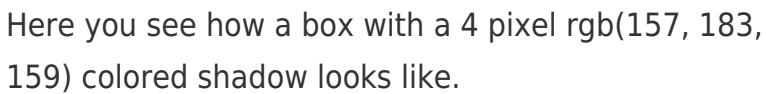
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 183, 159) }
```

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

```
.border{ border-color:rgb(157, 183, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 183, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 183, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 183, 159); box-shadow:4px 4px 4px 4px rgb(157, 183, 159) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 16.414, 145.715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 183, 159) }
```

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

```
.background{ background-color: rgb(157,  
183, 159) }
```

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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