

Converting Colors

CIELCh(72, 20.725, 138.475)

Have a look what the booklet for
CIELCh(72, 20.725, 138.475)
contains.

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Color

CIELCh(72, 20.725, 138.475)

Conversions

Conversions Part 1

Format	Color
Hex	9DB897
RGB	157, 184, 151
RGB Percent	62%, 72%, 59%
CMY	0.3845, 0.2786, 0.4080
CMYK	0.15, 0.00, 0.18, 0.28
HSL	109°, 19%, 66%
HSV	109°, 18%, 72%
XYZ	36.6097, 43.6590, 35.7570
YIQ	172.1650, -5.4990, -15.9870

Conversions

Conversions Part 2

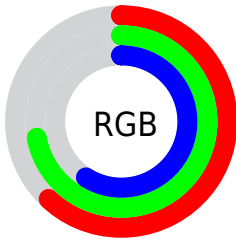
Format	Color
RYB	151, 184, 178
Decimal	10336407
CIELab	72.00, -15.52, 13.74
CIELCh	72, 20.725, 138.475
Yxy	43.6590, 0.3155, 0.3763
Android (android.graphics.Color)	4288526487 (0xFF9DB897)
YUV	172.1650, -10.4343, -13.2997
Hunter-Lab	66.0750, -16.7310, 14.1672

Details

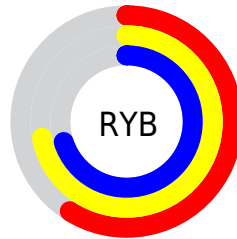
The CIELCh color **72, 20.725, 138.475** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **66, 20.888, 320.143**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 20.774, 138.119**, and **52, 20.875, 138.757** is the 20% darker color. If you saturate the color by 10%, you get **71, 32.311, 137.882**, and if you desaturate by 10%, it is **73, 9.130, 139.009**.

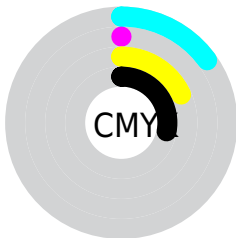
Distribution



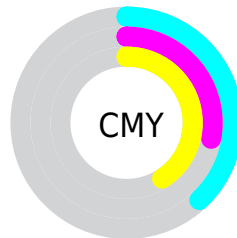
- Red (62%)
- Green (72%)
- Blue (59%)



- Red (59%)
- Yellow (72%)
- Blue (70%)



- Cyan (15%)
- Magenta (0%)
- Yellow (18%)
- Black (28%)





- Cyan (38%)
- Magenta (28%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 20.725, 138.475 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, 20.725, 138.475 by changing the saturation by 10% instead.


 72, 20.725,
138.475


 72, 20.725,
138.475


 100, 20.725,
138.475


 62, 20.725,
138.475


 92, 20.725,
138.475

 52, 20.725,
138.475

 42, 20.725,
138.475

 32, 20.725,
138.475

 22, 20.725,
138.475

 12, 20.725,
138.475

 2, 20.725, 138.475

■ 0, 20.725, 138.475

■ 72, 20.725,
138.475

■ 72, 20.725,
138.475

■ 71, 32.311,
137.882

■ 73, 9.130, 139.009

■ 69, 43.725,
137.228

■ 75, 2.364, 319.357

■ 68, 54.754,
136.531

■ 77, 13.676,
319.818

■ 68, 65.112,
135.833

■ 79, 24.752,
320.160

■ 67, 74.422,
135.207

■ 81, 35.557,
320.449

■ 66, 82.218,
134.762

■ 83, 43.258,
322.808

■ 83, 44.515,

■ 66, 88.022,
134.627

325.966

■ 65, 91.648,
134.832

■ 65, 92.265,
134.856

Harmonies

Complementary

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



72, 20.725, 138.475



66, 20.888, 320.143

Rectangle

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



72, 20.725, 138.475



72, 20.725, 188.475



72, 20.725, 318.475



72, 20.725, 8.475

Sweetspot

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



72, 20.727, 138.476



94, 7.114, 139.158



72, 14.760, 99.369



50, 4.853, 139.121



97, 0.011, 296.813



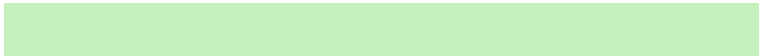
50, 0.007, 296.813

Same Dimension

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



72, 20.727, 138.476



91, 31.545, 138.221



72, 17.505, 153.646



38, 6.510, 138.937



56, 81.388, 134.740



8, 18.117, 140.779

Inverse Universe

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



66, 20.888, 320.143



81, 31.841, 320.344



66, 17.652, 336.214



36, 6.544, 319.748



32, 81.175, 321.433



2, 17.344, 317.055

Previews

White Background



This preview shows how the CIELCh color 72, 20.725, 138.475 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, 20.725, 138.475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

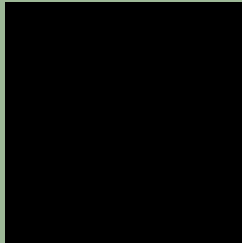
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 20.725, 138.475

Background



This preview shows how black text looks on a background with the CIELCh color 72, 20.725, 138.475.

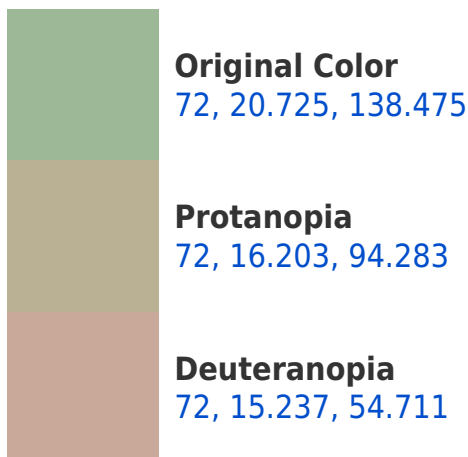


This preview shows how white text looks on a background with the CIELCh color 72, 20.725, 138.475.

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](#).

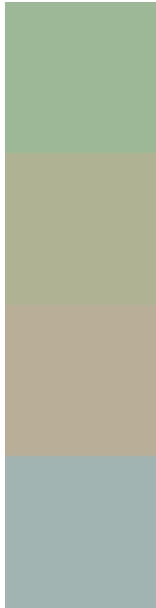
Dichromacy





Tritanopia
72, 8.991, 257.426

Trichromacy



Original Color
72, 20.725, 138.475

Protanomaly
72, 16.827, 113.920

Deuteranomaly
72, 12.567, 90.607

Tritanomaly
72, 7.174, 185.691

Monochromacy



Original Color
72, 20.725, 138.475

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 7.405, 137.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 20.725, 138.475 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, 184, 151)` looks like.

```
.text, #text, p{  
    color:rgb(157, 184, 151)  
}
```

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, 184, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 184, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 20.725, 138.475 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, 184, 151) }
```

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

```
.border{ border-color:rgb(157, 184, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 184, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 184, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 184, 151);  
box-shadow:4px 4px 4px 4px rgb(157, 184,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 20.725, 138.475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 184, 151) }
```

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

```
.background{ background-color: rgb(157,  
184, 151) }
```

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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