

Converting Colors

CIELCh(72, 35.658, 120.716)

Have a look what the booklet for
CIELCh(72, 35.658, 120.716)
contains.

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Color

CIELCh(72, 35.189, 120.938)

Conversions

Conversions Part 1

Format	Color
Hex	A3B878
RGB	163, 184, 120
RGB Percent	64%, 72%, 47%
CMY	0.3591, 0.2767, 0.5278
CMYK	0.11, 0.00, 0.35, 0.28
HSL	80°, 31%, 60%
HSV	80°, 35%, 72%
XYZ	35.8378, 43.6590, 24.4369
YIQ	170.4250, 8.0280, -24.3560

Conversions

Conversions Part 2

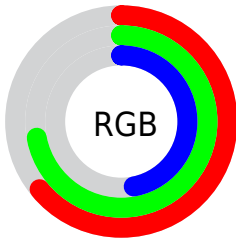
Format	Color
RYB	120, 184, 141
Decimal	10729592
CIELab	72.00, -18.09, 30.18
CIELCh	72, 35.189, 120.938
Yxy	43.6590, 0.3448, 0.4201
Android (android.graphics.Color)	4288919672 (0xFFA3B878)
YUV	170.4250, -24.8595, -6.5117
Hunter-Lab	66.0750, -18.8162, 24.3249

Details

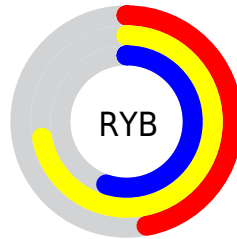
The CIELCh color $72, 35.189, 120.938$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $55, 37.657, 305.127$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 35.089, 120.707$, and $52, 35.460, 121.051$ is the 20% darker color. If you saturate the color by 10%, you get $71, 44.906, 120.421$, and if you desaturate by 10%, it is $73, 25.189, 121.495$.

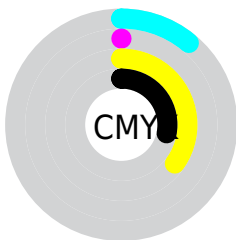
Distribution



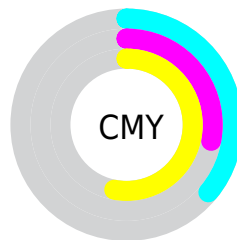
- Red (64%)
- Green (72%)
- Blue (47%)



- Red (47%)
- Yellow (72%)
- Blue (55%)



- Cyan (11%)
- Magenta (0%)
- Yellow (35%)
- Black (28%)





- Cyan (36%)
- Magenta (28%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 35.189, 120.938 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, 35.189, 120.938 by changing the saturation by 10% instead.


 72, 35.189,
120.938


 72, 35.189,
120.938


 100, 35.189,
120.938


 62, 35.189,
120.938


 92, 35.189,
120.938

 52, 35.189,
120.938

 42, 35.189,
120.938

 32, 35.189,
120.938

 22, 35.189,
120.938

 12, 35.189,
120.938

 2, 35.189, 120.938

0, 35.189, 120.938

72, 35.189,
120.938

72, 35.189,
120.938

71, 44.906,
120.421

73, 25.189,
121.495

71, 54.138,
119.984

74, 15.034,
122.057

70, 62.601,
119.695

74, 4.814, 122.613

75, 5.407, 303.117

70, 69.905,
119.647

76, 15.585,
303.619

69, 75.602,
119.951

78, 25.688,
304.083

69, 79.350,
120.707

79, 35.694,

■ 69, 80.834,
121.207

304.512

■ 79, 38.925,
306.673

■ 80, 39.398,
309.555

Harmonies

Complementary

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



72, 35.189, 120.938



55, 37.657, 305.127

Rectangle

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



72, 35.189, 120.938



72, 35.189, 170.938



72, 35.189, 300.938



72, 35.189, 350.938

Sweetspot

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



72, 35.191, 120.940



94, 12.642, 122.310



62, 22.065, 51.371



50, 8.620, 122.233



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, 35.191, 120.940



90, 52.306, 120.521



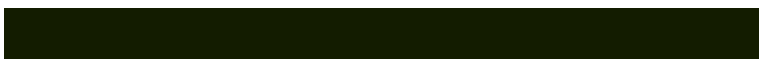
70, 40.141, 137.403



38, 5.767, 122.356



59, 71.180, 121.009



9, 16.154, 127.002

Inverse Universe

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



55, 37.657, 305.127



65, 57.029, 305.771



58, 40.693, 320.839



36, 5.871, 303.370



20, 89.181, 308.838



1, 15.629, 299.701

Previews

White Background



This preview shows how the CIELCh color 72, 35.189, 120.938 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, 35.189, 120.938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

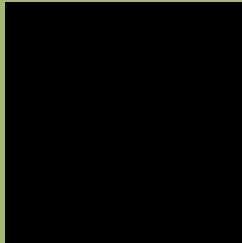
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 35.189, 120.938

Background



This preview shows how black text looks on a background with the CIELCh color 72, 35.189, 120.938.



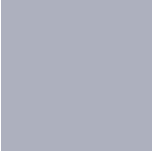
This preview shows how white text looks on a background with the CIELCh color 72, 35.189, 120.938.

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, 7.684, 282.836

Trichromacy



Original Color
72, 35.189, 120.938

Protanomaly
72, 32.629, 105.462

Deuteranomaly
72, 29.067, 92.292

Tritanomaly
72, 8.361, 133.592

Monochromacy



Original Color
72, 35.189, 120.938

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 12.897, 122.906

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 35.189, 120.938 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(163, 184, 120)` looks like.

```
.text, #text, p{  
    color:rgb(163, 184, 120)  
}
```

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(163, 184, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 184, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 35.189, 120.938 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(163, 184, 120) }
```

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

```
.border{ border-color:rgb(163, 184, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 184, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 184, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 184, 120);  
box-shadow:4px 4px 4px 4px rgb(163, 184,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 35.189, 120.938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 184, 120) }
```

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

```
.background{ background-color: rgb(163,  
184, 120) }
```

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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