

Converting Colors

CIELCh(72, 23.058, 125.844)

Have a look what the booklet for
CIELCh(72, 23.058, 125.844)
contains.

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Color

CIELCh(72, 23.223, 125.845)

Conversions

Conversions Part 1

Format	Color
Hex	A5B78E
RGB	165, 183, 142
RGB Percent	65%, 72%, 56%
CMY	0.3541, 0.2835, 0.4442
CMYK	0.10, 0.00, 0.22, 0.28
HSL	86°, 22%, 64%
HSV	86°, 22%, 72%
XYZ	37.1914, 43.6590, 31.9477
YIQ	172.9440, 2.4330, -16.5670

Conversions

Conversions Part 2

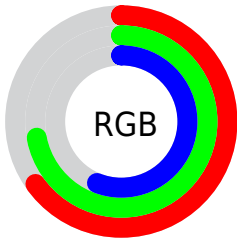
Format	Color
RYB	142, 183, 160
Decimal	10860430
CIELab	72.00, -13.60, 18.82
CIElCh	72, 23.223, 125.845
Yxy	43.6590, 0.3297, 0.3871
Android (android.graphics.Color)	4289050510 (0xFFA5B78E)
YUV	172.9440, -15.2554, -6.9669
Hunter-Lab	66.0750, -15.1595, 17.5853

Details

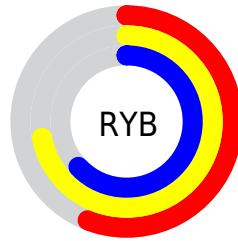
The CIELCh color $72, 23.223, 125.845$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $62, 24.042, 308.049$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 23.195, 126.153$, and $52, 22.922, 125.854$ is the 20% darker color. If you saturate the color by 10%, you get $71, 33.462, 125.350$, and if you desaturate by 10%, it is $73, 12.879, 126.341$.

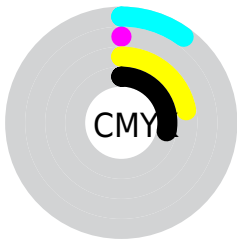
Distribution



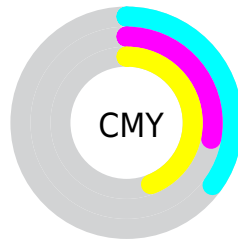
- Red (65%)
- Green (72%)
- Blue (56%)



- Red (56%)
- Yellow (72%)
- Blue (63%)



- Cyan (10%)
- Magenta (0%)
- Yellow (22%)
- Black (28%)





- Cyan (35%)
- Magenta (28%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 23.223, 125.845 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, 23.223, 125.845 by changing the saturation by 10% instead.


 72, 23.223,
125.845


 72, 23.223,
125.845


 100, 23.223,
125.845


 62, 23.223,
125.845


 92, 23.223,
125.845

 52, 23.223,
125.845

 42, 23.223,
125.845

 32, 23.223,
125.845

 22, 23.223,
125.845

 12, 23.223,
125.845

 2, 23.223, 125.845

0, 23.223, 125.845

72, 23.223,
125.845

72, 23.223,
125.845

71, 33.462,
125.350

73, 12.879,
126.341

70, 43.466,
124.873

74, 2.511, 126.840

70, 53.058,
124.459

75, 7.819, 307.233

69, 61.975,
124.171

76, 18.068,
307.646

68, 69.857,
124.104

78, 28.205,
308.021

68, 76.263,
124.376

79, 38.208,
308.361

80, 40.745,

■ 67, 80.808,
125.101

311.381

■ 67, 83.239,
125.872

■ 81, 41.577,
315.005

■ 81, 42.560,
318.528

Harmonies

Complementary

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



72, 23.223, 125.845



62, 24.042, 308.049

Rectangle

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



72, 23.223, 125.845



72, 23.223, 175.845



72, 23.223, 305.845



72, 23.223, 355.845

Sweetspot

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



72, 23.225, 125.847



93, 8.954, 126.599



67, 13.634, 65.398



50, 5.866, 126.570



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, 23.225, 125.847



90, 34.504, 125.597



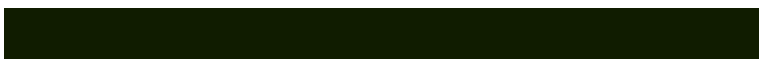
71, 26.767, 141.325



38, 5.889, 126.491



58, 73.779, 125.667



8, 16.628, 131.218

Inverse Universe

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



62, 24.042, 308.049



75, 36.019, 308.337



64, 26.858, 323.754



36, 5.978, 307.347



22, 87.253, 310.749



1, 15.814, 302.937

Previews

White Background



This preview shows how the CIELCh color 72, 23.223, 125.845 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, 23.223, 125.845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

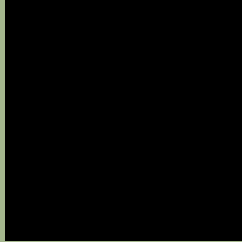
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 23.223, 125.845

Background



This preview shows how black text looks on a background with the CIELCh color 72, 23.223, 125.845.



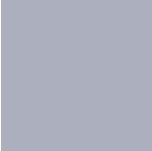
This preview shows how white text looks on a background with the CIELCh color 72, 23.223, 125.845.

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](#).

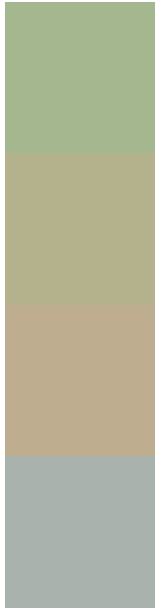
Dichromacy





Tritanopia
72, 7.735, 280.198

Trichromacy



Original Color
72, 23.223, 125.845

Protanomaly
72, 20.517, 105.885

Deuteranomaly
72, 18.036, 87.406

Tritanomaly
72, 4.717, 155.382

Monochromacy



Original Color
72, 23.223, 125.845

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 8.599, 127.528

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 23.223, 125.845 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(165, 183, 142)` looks like.

```
.text, #text, p{  
    color:rgb(165, 183, 142)  
}
```

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(165, 183, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 183, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 23.223, 125.845 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(165, 183, 142) }
```

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

```
.border{ border-color:rgb(165, 183, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 183, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 183, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 183, 142);  
box-shadow:4px 4px 4px 4px rgb(165, 183,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 23.223, 125.845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 183, 142) }
```

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

```
.background{ background-color: rgb(165,  
183, 142) }
```

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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