

Converting Colors

CIELCh(72, 13.388, 279.827)

Have a look what the booklet for
CIELCh(72, 13.388, 279.827)
contains.

CIELCh(72, 13.304, 279.325)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 13.304, 279.325)

Conversions

Conversions Part 1

Format	Color
Hex	A8B0C8
RGB	168, 176, 200
RGB Percent	66%, 69%, 78%
CMY	0.3404, 0.3090, 0.2149
CMYK	0.16, 0.12, 0.00, 0.21
HSL	225°, 23%, 72%
HSV	225°, 16%, 79%
XYZ	42.2081, 43.6590, 60.9755
YIQ	176.3440, -12.4720, 5.7680

Conversions

Conversions Part 2

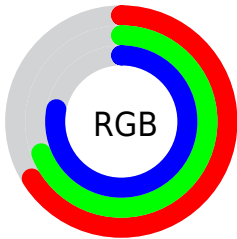
Format	Color
RYB	168, 174, 200
Decimal	11055304
CIELab	72.00, 2.16, -13.13
CIELCh	72, 13.304, 279.325
Yxy	43.6590, 0.2874, 0.2973
Android (android.graphics.Color)	4289245384 (0xFFA8B0C8)
YUV	176.3440, 11.6624, -7.3177
Hunter-Lab	66.0750, -1.6069, -8.4617

Details

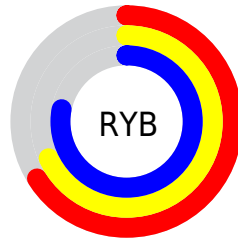
The CIELCh color $72, 13.304, 279.325$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $78, 13.160, 95.321$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 12.218, 276.735$, and $52, 13.028, 278.832$ is the 20% darker color. If you saturate the color by 10%, you get $67, 21.895, 280.900$, and if you desaturate by 10%, it is $77, 4.926, 277.986$.

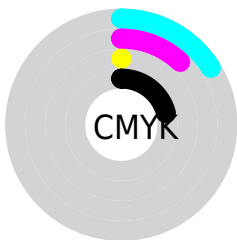
Distribution



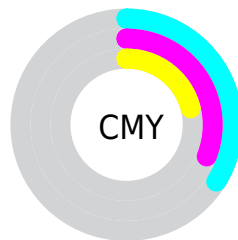
- Red (66%)
- Green (69%)
- Blue (78%)



- Red (66%)
- Yellow (68%)
- Blue (78%)



- Cyan (16%)
- Magenta (12%)
- Yellow (0%)
- Black (21%)





- Cyan (34%)
- Magenta (31%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 13.304, 279.325 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, 13.304, 279.325 by changing the saturation by 10% instead.


 72, 13.304,
279.325


 72, 13.304,
279.325


 100, 13.304,
279.325


 62, 13.304,
279.325


 92, 13.304,
279.325

 52, 13.304,
279.325

 42, 13.304,
279.325

 32, 13.304,
279.325

 22, 13.304,
279.325

 12, 13.304,
279.325

 2, 13.304, 279.325

■ 0, 13.304, 279.325

■ 72, 13.304,
279.325

■ 72, 13.304,
279.325

■ 67, 21.895,
280.900

■ 77, 4.926, 277.986

■ 83, 3.249, 96.722

■ 61, 30.721,
282.749

■ 88, 11.231, 95.752

■ 56, 39.807,
284.904

■ 94, 19.026, 94.879

■ 50, 49.181,
287.392

■ 98, 25.871,
105.086

■ 45, 58.864,
290.209

■ 99, 27.628,
108.079

■ 40, 68.826,
293.298

■ 36, 78.905,
296.522

■ 32, 88.690,
299.654

■ 31, 92.410,
300.771

Harmonies

Complementary

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



72, 13.304, 279.325



78, 13.160, 95.321

Rectangle

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



72, 13.304, 279.325



72, 13.304, 329.325



72, 13.304, 99.325



72, 13.304, 149.325

Sweetspot

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



72, 13.303, 279.321



97, 5.004, 277.878



78, 12.410, 176.859



51, 3.416, 277.962



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 13.303, 279.321



87, 19.319, 279.812



70, 17.780, 300.390



39, 4.658, 278.410



24, 78.277, 300.318



3, 17.832, 284.264

Inverse Universe

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



72, 12.976, 1.071



87, 18.904, 1.455



79, 17.205, 118.252



39, 4.511, 0.340



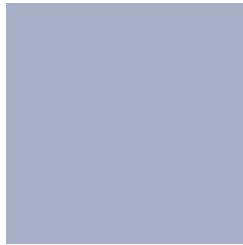
34, 64.241, 24.886



4, 16.335, 6.675

Previews

White Background



This preview shows how the CIELCh color 72, 13.304, 279.325 looks on a white background.

Color Contrast Check

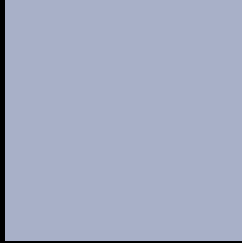
Large Text (above 18pt) WCAG AA × Fail

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, 13.304, 279.325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

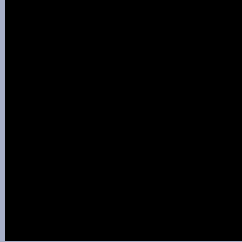
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

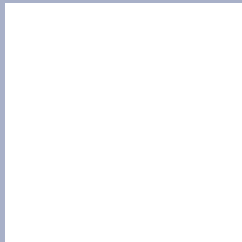
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 13.304, 279.325

Background



This preview shows how black text looks on a background with the CIELCh color 72, 13.304, 279.325.



This preview shows how white text looks on a background with the CIELCh color 72, 13.304, 279.325.

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, 13.304, 279.325

Protanopia

72, 13.084, 288.360

Deuteranopia

72, 16.272, 304.288



Tritanopia
72, 8.485, 263.438

Trichromacy



Original Color
72, 13.304, 279.325

Protanomaly
72, 13.127, 285.302

Deuteranomaly
72, 14.777, 295.706

Tritanomaly
72, 10.340, 271.156

Monochromacy



Original Color
72, 13.304, 279.325

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 4.475, 276.436

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 13.304, 279.325 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(168, 176, 200)` looks like.

```
.text, #text, p{  
    color:rgb(168, 176, 200)  
}
```

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(168, 176, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 176, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 13.304, 279.325 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(168, 176, 200) }
```

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

```
.border{ border-color:rgb(168, 176, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 176, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 176, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 176, 200);  
box-shadow:4px 4px 4px 4px rgb(168, 176,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 13.304, 279.325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 176, 200) }
```

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

```
.background{ background-color: rgb(168,  
176, 200) }
```

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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