

Converting Colors

CIELCh(72, 13.246, 240.105)

Have a look what the booklet for
CIELCh(72, 13.246, 240.105)
contains.

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Color

CIELCh(72, 13.256, 240.094)

Conversions

Conversions Part 1

Format	Color
Hex	97B5C5
RGB	151, 181, 197
RGB Percent	59%, 71%, 77%
CMY	0.4078, 0.2902, 0.2274
CMYK	0.23, 0.08, 0.00, 0.23
HSL	201°, 28%, 68%
HSV	201°, 23%, 77%
XYZ	39.3650, 43.6590, 59.1767
YIQ	173.8540, -23.0160, -1.3840

Conversions

Conversions Part 2

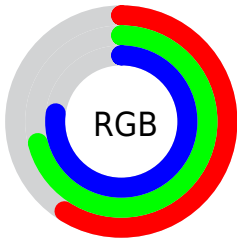
Format	Color
RYB	151, 169, 197
Decimal	9942469
CIELab	72.00, -6.61, -11.49
CIELCh	72, 13.256, 240.094
Yxy	43.6590, 0.2768, 0.3070
Android (android.graphics.Color)	4288132549 (0xFF97B5C5)
YUV	173.8540, 11.4110, -20.0430
Hunter-Lab	66.0750, -9.2875, -6.8476

Details

The CIELCh color $72, 13.256, 240.094$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $71, 14.959, 55.558$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 13.327, 240.376$, and $52, 13.212, 240.146$ is the 20% darker color. If you saturate the color by 10%, you get $69, 18.485, 241.636$, and if you desaturate by 10%, it is $75, 7.734, 238.857$.

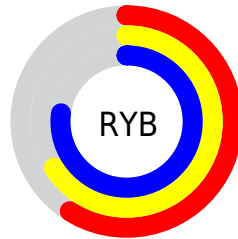
Distribution



Red (59%)

Green (71%)

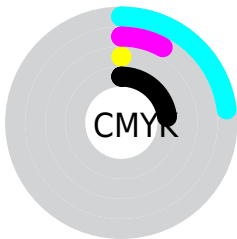
Blue (77%)



Red (59%)

Yellow (66%)

Blue (77%)

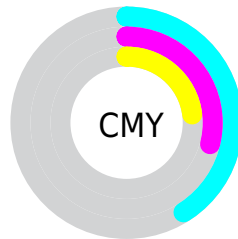


Cyan (23%)

Magenta (8%)

Yellow (0%)

Black (23%)



Cyan (41%)


Magenta (29%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 13.256, 240.094 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, 13.256, 240.094 by changing the saturation by 10% instead.


 72, 13.256,
240.094


 72, 13.256,
240.094


 100, 13.256,
240.094


 62, 13.256,
240.094


 92, 13.256,
240.094

 52, 13.256,
240.094

 42, 13.256,
240.094

 32, 13.256,
240.094

 22, 13.256,
240.094

 12, 13.256,
240.094

 2, 13.256, 240.094

0, 13.256, 240.094

72, 13.256,
240.094

72, 13.256,
240.094

69, 18.485,
241.636

75, 7.734, 238.857

66, 23.364,
243.564

78, 1.977, 238.021

63, 27.845,
245.950

82, 3.963, 56.839

60, 31.901,
248.880

85, 10.040, 56.241

58, 35.541,
252.425

88, 16.215, 55.709

55, 38.830,
256.619

91, 18.160, 65.272

92, 19.279, 77.782

94, 21.205, 88.402

■ 53, 41.894,
261.413

■ 96, 23.730, 96.941

■ 51, 43.936,
264.732

Harmonies

Complementary

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



72, 13.256, 240.094



71, 14.959, 55.558

Rectangle

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



72, 13.256, 240.094



72, 13.256, 290.094



72, 13.256, 60.094



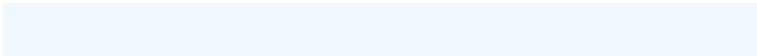
72, 13.256, 110.094

Sweetspot

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



72, 13.256, 240.088



97, 5.057, 238.251



76, 23.792, 153.836



52, 3.282, 238.303



0, 0.000, 0.000



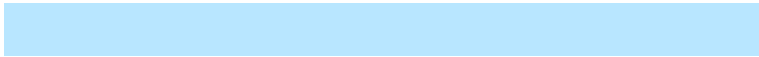
53, 0.007, 296.813

Same Dimension

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



72, 13.256, 240.088



89, 19.372, 240.831



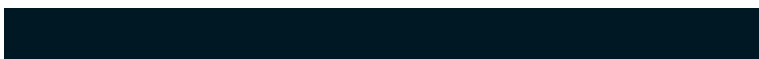
66, 21.348, 285.367



40, 3.335, 238.454



43, 37.873, 263.955



7, 11.822, 252.534

Inverse Universe

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



68, 23.827, 338.017



82, 35.259, 338.442



76, 20.677, 99.720



39, 5.782, 336.916



36, 64.358, 348.301



4, 19.776, 343.533

Previews

White Background



This preview shows how the CIELCh color 72, 13.256, 240.094 looks on a white background.

Color Contrast Check

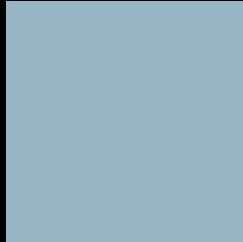
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 72, 13.256, 240.094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

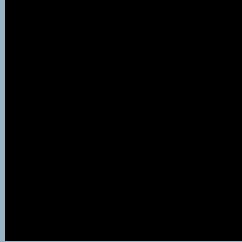
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

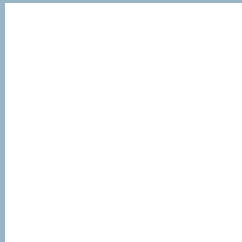
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 13.256, 240.094

Background



This preview shows how black text looks on a background with the CIELCh color 72, 13.256, 240.094.



This preview shows how white text looks on a background with the CIELCh color 72, 13.256, 240.094.

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, 12.942, 238.109

Trichromacy



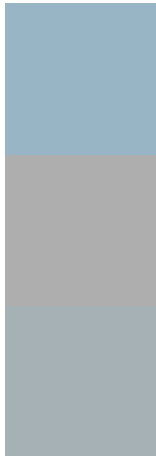
Original Color
72, 13.256, 240.094

Protanomaly
72, 9.956, 268.084

Deuteranomaly
72, 12.587, 284.969

Tritanomaly
72, 12.942, 238.109

Monochromacy



Original Color
72, 13.256, 240.094

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 4.799, 233.897

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 13.256, 240.094 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(151, 181, 197)` looks like.

```
.text, #text, p{  
    color:rgb(151, 181, 197)  
}
```

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(151, 181, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 181, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 13.256, 240.094 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(151, 181, 197) }
```

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

```
.border{ border-color:rgb(151, 181, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 181, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 181, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 181, 197);  
box-shadow:4px 4px 4px 4px rgb(151, 181,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 13.256, 240.094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 181, 197) }
```

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

```
.background{ background-color: rgb(151,  
181, 197) }
```

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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