

Converting Colors

CIELCh(72, 13.022, 261.968)

Have a look what the booklet for
CIELCh(72, 13.022, 261.968)
contains.

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Color

CIELCh(72, 13.333, 263.557)

Conversions

Conversions Part 1

Format	Color
Hex	A0B2C8
RGB	160, 178, 200
RGB Percent	63%, 70%, 78%
CMY	0.3713, 0.3007, 0.2144
CMYK	0.20, 0.11, 0.00, 0.21
HSL	213°, 27%, 71%
HSV	213°, 20%, 79%
XYZ	41.0075, 43.6590, 61.1094
YIQ	175.1260, -17.7900, 3.0260

Conversions

Conversions Part 2

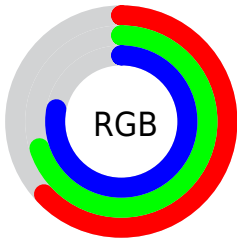
Format	Color
R_{YB}	160, 172, 200
Decimal	10531528
CIE _{Lab}	72.00, -1.50, -13.25
CIE _{LCh}	72, 13.333, 263.557
Yxy	43.6590, 0.2813, 0.2995
Android (android.graphics.Color)	4288721608 (0xFFA0B2C8)
YUV	175.1260, 12.2629, -13.2655
Hunter-Lab	66.0750, -4.8504, -8.5818

Details

The CIELCh color $72, 13.333, 263.557$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 13.825, 78.074$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 12.442, 260.321$, and $52, 13.452, 264.777$ is the 20% darker color. If you saturate the color by 10%, you get $68, 19.977, 265.391$, and if you desaturate by 10%, it is $76, 6.664, 262.010$.

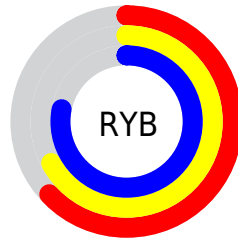
Distribution



Red (63%)

Green (70%)

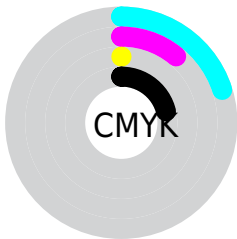
Blue (78%)



Red (63%)

Yellow (67%)

Blue (78%)

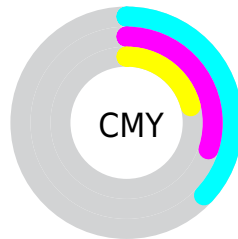


Cyan (20%)

Magenta (11%)

Yellow (0%)

Black (21%)



Cyan (37%)


Magenta (30%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 13.333, 263.557 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, 13.333, 263.557 by changing the saturation by 10% instead.


 72, 13.333,
263.557


 72, 13.333,
263.557


 100, 13.333,
263.557


 62, 13.333,
263.557


 92, 13.333,
263.557

 52, 13.333,
263.557

 42, 13.333,
263.557

 32, 13.333,
263.557

 22, 13.333,
263.557

 12, 13.333,
263.557

 2, 13.333, 263.557

0, 13.333, 263.557

72, 13.333,
263.557

72, 13.333,
263.557

68, 19.977,
265.391

76, 6.664, 262.010

63, 26.587,
267.568

81, 0.012, 51.824

59, 33.161,
270.136

85, 6.675, 79.433

55, 39.716,
273.137

90, 13.315, 78.472

51, 46.291,
276.591

93, 18.885, 83.076

47, 52.951,
280.461

96, 22.792, 98.308

99, 27.571,
108.084

■ 44, 59.764,
284.638

■ 40, 66.787,
288.834

■ 40, 66.806,
288.845

Harmonies

Complementary

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



72, 13.333, 263.557



75, 13.825, 78.074

Rectangle

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



72, 13.333, 263.557



72, 13.333, 313.557



72, 13.333, 83.557



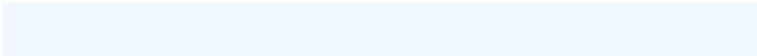
72, 13.333, 133.557

Sweetspot

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



72, 13.332, 263.552



97, 4.881, 261.497



77, 17.727, 163.716



51, 3.237, 261.580



0, 0.000, 0.000



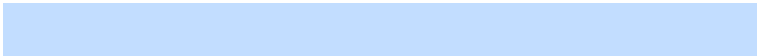
53, 0.007, 296.813

Same Dimension

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



72, 13.332, 263.552



87, 19.475, 264.317



67, 22.136, 293.601



40, 3.768, 261.927



33, 56.493, 288.169



4, 14.830, 274.235

Inverse Universe

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



70, 18.068, 348.258



84, 26.519, 348.727



80, 21.142, 109.672



39, 5.034, 347.201



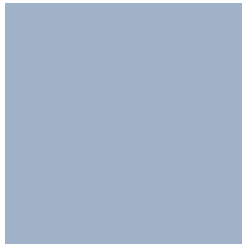
35, 60.458, 6.316



4, 17.412, 355.988

Previews

White Background



This preview shows how the CIELCh color 72, 13.333, 263.557 looks on a white background.

Color Contrast Check

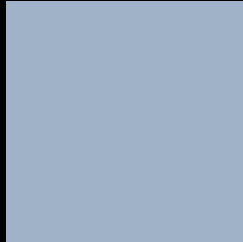
Large Text (above 18pt) WCAG AA × Fail

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, 13.333, 263.557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

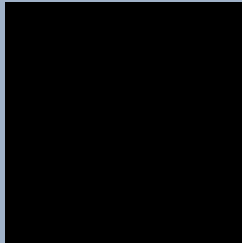
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

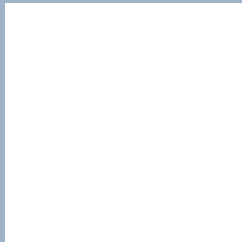
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 13.333, 263.557

Background



This preview shows how black text looks on a background with the CIELCh color 72, 13.333, 263.557.



This preview shows how white text looks on a background with the CIELCh color 72, 13.333, 263.557.

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

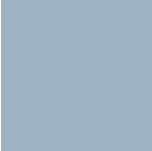
72, 13.333, 263.557

Protanopia

72, 12.541, 288.166

Deuteranopia

72, 16.729, 302.711



Tritanopia
72, 10.605, 249.655

Trichromacy



Original Color
72, 13.333, 263.557

Protanomaly
72, 12.775, 278.730

Deuteranomaly
72, 14.723, 290.244

Tritanomaly
72, 11.420, 253.485

Monochromacy



Original Color
72, 13.333, 263.557

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 4.843, 263.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 13.333, 263.557 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(160, 178, 200)` looks like.

```
.text, #text, p{  
    color:rgb(160, 178, 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(160, 178, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 178, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 13.333, 263.557 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(160, 178, 200) }
```

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

```
.border{ border-color:rgb(160, 178, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 178, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 178, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 178, 200);  
box-shadow:4px 4px 4px 4px rgb(160, 178,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 13.333, 263.557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 178, 200) }
```

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

```
.background{ background-color: rgb(160,  
178, 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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