

Converting Colors

CIELCh(73, 13.172, 260.178)

Have a look what the booklet for
CIELCh(73, 13.172, 260.178)
contains.

CIELCh(73, 13.445, 262.228)	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(73, 13.445, 262.228)

Conversions

Conversions Part 1

Format	Color
Hex	A2B5CB
RGB	162, 181, 203
RGB Percent	64%, 71%, 80%
CMY	0.3638, 0.2893, 0.2030
CMYK	0.20, 0.11, 0.00, 0.20
HSL	212°, 28%, 72%
HSV	212°, 20%, 80%
XYZ	42.3199, 45.1644, 63.1280
YIQ	177.8270, -18.3860, 2.8140

Conversions

Conversions Part 2

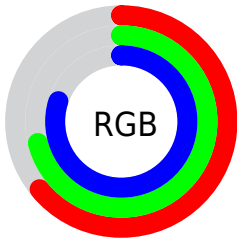
Format	Color
RYB	162, 175, 203
Decimal	10663371
CIELab	73.00, -1.82, -13.32
CIELCh	73, 13.445, 262.228
Yxy	45.1644, 0.2810, 0.2999
Android (android.graphics.Color)	4288853451 (0xFFA2B5CB)
YUV	177.8270, 12.4103, -13.8803
Hunter-Lab	67.2044, -5.2030, -8.6505

Details

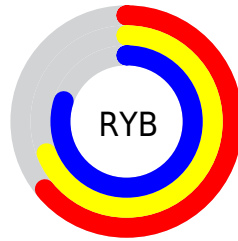
The CIELCh color $73, 13.445, 262.228$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 14.007, 76.703$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 11.320, 254.563$, and $53, 13.550, 263.375$ is the 20% darker color. If you saturate the color by 10%, you get $69, 20.050, 264.069$, and if you desaturate by 10%, it is $77, 6.796, 260.677$.

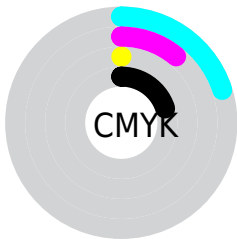
Distribution



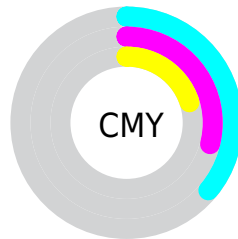
- Red (64%)
- Green (71%)
- Blue (80%)



- Red (64%)
- Yellow (69%)
- Blue (80%)



- Cyan (20%)
- Magenta (11%)
- Yellow (0%)
- Black (20%)





- Cyan (36%)
- Magenta (29%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 13.445, 262.228 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 73, 13.445, 262.228 by changing the saturation by 10% instead.


 73, 13.445,
262.228


 73, 13.445,
262.228


 100, 13.445,
262.228


 63, 13.445,
262.228


 93, 13.445,
262.228

 53, 13.445,
262.228

 43, 13.445,
262.228

 33, 13.445,
262.228

 23, 13.445,
262.228

 13, 13.445,
262.228

 3, 13.445, 262.228

0, 13.445, 262.228

73, 13.445,
262.228

73, 13.445,
262.228

69, 20.050,
264.069

77, 6.796, 260.677

64, 26.601,
266.260

82, 0.126, 262.010

60, 33.093,
268.849

86, 6.547, 78.099

56, 39.540,
271.882

90, 13.207, 77.143

52, 45.982,
275.378

94, 18.202, 85.273

49, 52.486,
279.304

97, 22.281,
100.344

99, 26.122,
108.195

■ 45, 59.131,
283.552

■ 42, 65.865,
287.753

Harmonies

Complementary

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



73, 13.445, 262.228



76, 14.007, 76.703

Rectangle

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



73, 13.445, 262.228



73, 13.445, 312.228



73, 13.445, 82.228



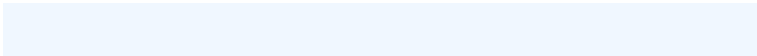
73, 13.445, 132.228

Sweetspot

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



73, 13.444, 262.223



97, 4.823, 260.138



78, 18.118, 163.693



51, 3.198, 260.220



0, 0.000, 0.000



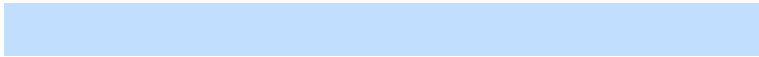
53, 0.007, 296.813

Same Dimension

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



73, 13.444, 262.223



87, 19.204, 262.949



68, 22.636, 293.629



41, 3.800, 260.570



34, 55.759, 287.077



5, 15.837, 274.219

Inverse Universe

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



71, 18.622, 347.491



85, 26.729, 347.929



81, 21.607, 109.651



40, 5.185, 346.429



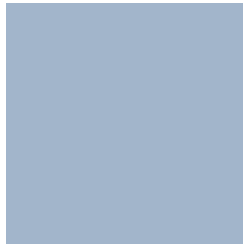
35, 61.177, 5.091



4, 19.578, 355.784

Previews

White Background



This preview shows how the CIELCh color 73, 13.445, 262.228 looks on a white background.

Color Contrast Check

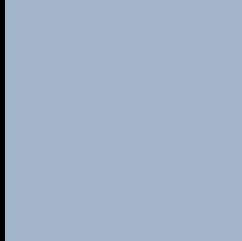
Large Text (above 18pt) WCAG AA × Fail

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 73, 13.445, 262.228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

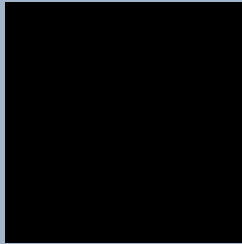
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

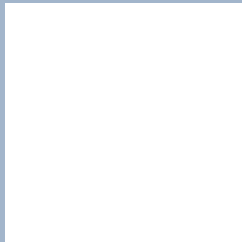
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 13.445, 262.228

Background



This preview shows how black text looks on a background with the CIELCh color 73, 13.445, 262.228.



This preview shows how white text looks on a background with the CIELCh color 73, 13.445, 262.228.

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

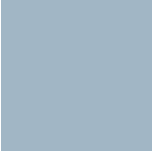
73, 13.445, 262.228

Protanopia

73, 12.502, 288.145

Deuteranopia

73, 17.298, 303.539



Tritanopia
73, 10.795, 248.228

Trichromacy



Original Color
73, 13.445, 262.228

Protanomaly
73, 12.736, 278.699

Deuteranomaly
73, 14.677, 290.221

Tritanomaly
73, 11.590, 252.091

Monochromacy



Original Color
73, 13.445, 262.228

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 4.995, 260.046

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 13.445, 262.228 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(162, 181, 203)` looks like.

```
.text, #text, p{  
    color:rgb(162, 181, 203)  
}
```

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(162, 181, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 181, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 13.445, 262.228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

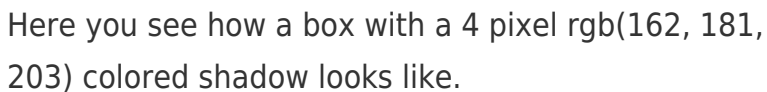
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 181, 203) }
```

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

```
.border{ border-color:rgb(162, 181, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(162, 181, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 181, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 181, 203); box-shadow:4px 4px 4px 4px rgb(162, 181, 203) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 13.445, 262.228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 181, 203) }
```

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

```
.background{ background-color: rgb(162,  
181, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor