

Converting Colors

CIE LCh(73, 9.634, 244.375)

Have a look what the booklet for
CIELCh(73, 9.634, 244.375) contains.

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Color

CIELCh(73, 9.817, 245.192)

Conversions

Conversions Part 1

Format	Color
Hex	A2B6C3
RGB	162, 182, 195
RGB Percent	64%, 71%, 76%
CMY	0.3641, 0.2856, 0.2347
CMYK	0.17, 0.07, 0.00, 0.23
HSL	204°, 22%, 70%
HSV	204°, 17%, 77%
XYZ	41.5594, 45.1644, 58.2508
YIQ	177.5020, -16.0930, -0.1970

Conversions

Conversions Part 2

Format	Color
RYB	162, 174, 195
Decimal	10663619
CIELab	73.00, -4.12, -8.91
CIELCh	73, 9.817, 245.192
Yxy	45.1644, 0.2867, 0.3115
Android (android.graphics.Color)	4288853699 (0xFFA2B6C3)
YUV	177.5020, 8.6265, -13.5953
Hunter-Lab	67.2044, -7.2229, -4.3477

Details

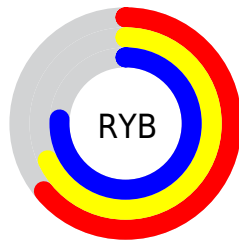
The CIELCh color $73, 9.817, 245.192$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 10.558, 61.444$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 9.992, 245.580$, and $53, 9.686, 244.957$ is the 20% darker color. If you saturate the color by 10%, you get $70, 15.359, 246.691$, and if you desaturate by 10%, it is $76, 4.071, 243.994$.

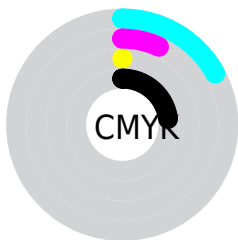
Distribution



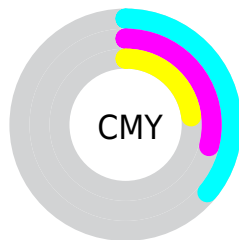
- Red (64%)
- Green (71%)
- Blue (76%)



- Red (64%)
- Yellow (68%)
- Blue (76%)



- Cyan (17%)
- Magenta (7%)
- Yellow (0%)
- Black (23%)



- Cyan (36%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 9.817, 245.192 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, 9.817, 245.192 by changing the saturation by 10% instead.

■ 73, 9.817, 245.192

■ 73, 9.817, 245.192

■ 100, 9.817,
245.192

■ 63, 9.817, 245.192

■ 93, 9.817, 245.192

■ 53, 9.817, 245.192

■ 43, 9.817, 245.192

■ 33, 9.817, 245.192

■ 23, 9.817, 245.192

■ 13, 9.817, 245.192

■ 3, 9.817, 245.192

■ 0, 9.817, 245.192

■ 73, 9.817, 245.192

■ 73, 9.817, 245.192

70, 15.359,
246.691

76, 4.071, 243.994

66, 20.651,
248.545

80, 1.832, 62.612

63, 25.652,
250.812

83, 7.852, 61.938

60, 30.333,
253.569

90, 18.735, 64.307

57, 34.692,
256.884

92, 19.953, 77.923

54, 38.769,
260.798

94, 22.149, 89.325

51, 42.657,
265.290

96, 25.051, 98.297

49, 46.502,
270.218

98, 28.425,
105.192

48, 47.731,

Harmonies

Complementary

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



73, 9.817, 245.192



73, 10.558, 61.444

Rectangle

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



73, 9.817, 245.192



73, 9.817, 295.192



73, 9.817, 65.192



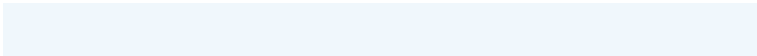
73, 9.817, 115.192

Sweetspot

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



73, 9.816, 245.183



97, 3.640, 243.828



76, 16.464, 156.555



52, 2.501, 243.889



0, 0.000, 0.000



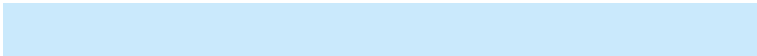
53, 0.007, 296.813

Same Dimension

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



73, 9.816, 245.183



91, 14.230, 245.660



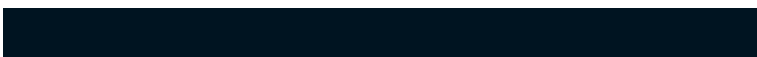
69, 16.066, 286.991



39, 3.309, 244.251



40, 40.858, 270.906



6, 11.448, 258.566

Inverse Universe

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



70, 16.537, 339.626



86, 24.154, 339.913



77, 15.619, 103.185



38, 5.478, 339.007



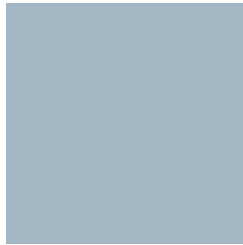
35, 62.151, 352.019



3, 16.942, 345.891

Previews

White Background



This preview shows how the CIELCh color 73, 9.817, 245.192 looks on a white background.

Color Contrast Check

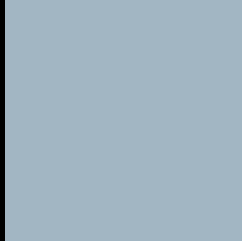
Large Text (above 18pt) WCAG AA × Fail

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, 9.817, 245.192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

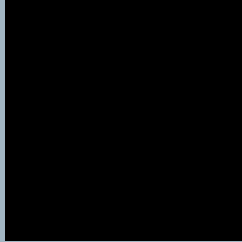
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

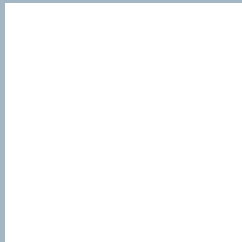
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 9.817, 245.192

Background



This preview shows how black text looks on a background with the CIELCh color 73, 9.817, 245.192.



This preview shows how white text looks on a background with the CIELCh color 73, 9.817, 245.192.

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, 9.817, 245.192

Protanopia

73, 7.609, 290.918

Deuteranopia

73, 13.559, 313.250



Tritanopia
73, 10.190, 247.485

Trichromacy



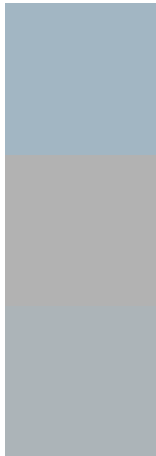
Original Color
73, 9.817, 245.192

Protanomaly
73, 7.560, 268.616

Deuteranomaly
73, 10.369, 295.137

Tritanomaly
73, 10.190, 247.485

Monochromacy



Original Color
73, 9.817, 245.192

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 3.612, 236.377

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 9.817, 245.192 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, 182, 195)` looks like.

```
.text, #text, p{  
    color:rgb(162, 182, 195)  
}
```

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, 182, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 182, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 9.817, 245.192 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, 182, 195) }
```

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

```
.border{ border-color:rgb(162, 182, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 182, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 182, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 182, 195);  
box-shadow:4px 4px 4px 4px rgb(162, 182,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 9.817, 245.192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 182, 195) }
```

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

```
.background{ background-color: rgb(162,  
182, 195) }
```

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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