

Converting Colors

CIELCh(73, 10.631, 245.045)

Have a look what the booklet for
CIELCh(73, 10.631, 245.045)
contains.

CIELCh(73, 10.417, 246.085)	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, 10.417, 246.085)

Conversions

Conversions Part 1

Format	Color
Hex	A1B6C4
RGB	161, 182, 196
RGB Percent	63%, 71%, 77%
CMY	0.3676, 0.2852, 0.2303
CMYK	0.18, 0.07, 0.00, 0.23
HSL	204°, 23%, 70%
HSV	204°, 18%, 77%
XYZ	41.5253, 45.1644, 58.9116
YIQ	177.3170, -17.0100, -0.0980

Conversions

Conversions Part 2

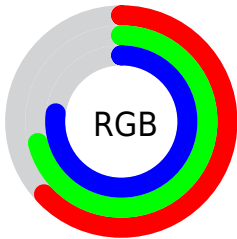
Format	Color
R_{YB}	161, 174, 196
Decimal	10598084
CIE Lab	73.00, -4.22, -9.52
CIE LCh	73, 10.417, 246.085
Yxy	45.1644, 0.2852, 0.3102
Android (android.graphics.Color)	4288788164 (0xFFA1B6C4)
YUV	177.3170, 9.2107, -14.3100
Hunter-Lab	67.2044, -7.3135, -4.9306

Details

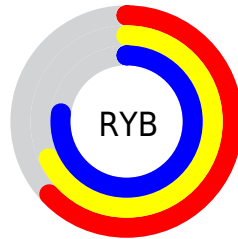
The CIELCh color `73, 10.417, 246.085` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `73, 11.234, 62.058`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `93, 10.571, 246.351`, and `53, 10.311, 246.020` is the 20% darker color. If you saturate the color by 10%, you get `70, 15.989, 247.635`, and if you desaturate by 10%, it is `76, 4.642, 244.835`.

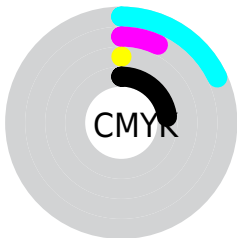
Distribution



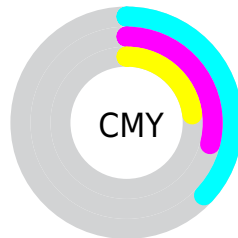
- Red (63%)
- Green (71%)
- Blue (77%)



- Red (63%)
- Yellow (68%)
- Blue (77%)



- Cyan (18%)
- Magenta (7%)
- Yellow (0%)
- Black (23%)





- Cyan (37%)
- Magenta (29%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 10.417, 246.085 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, 10.417, 246.085 by changing the saturation by 10% instead.


 73, 10.417,
246.085


 73, 10.417,
246.085


 100, 10.417,
246.085


 63, 10.417,
246.085


 93, 10.417,
246.085

 53, 10.417,
246.085

 43, 10.417,
246.085

 33, 10.417,
246.085

 23, 10.417,
246.085

 13, 10.417,
246.085

 3, 10.417, 246.085

0, 10.417, 246.085

73, 10.417,
246.085

73, 10.417,
246.085

70, 15.989,
247.635

76, 4.642, 244.835

80, 1.289, 63.332

66, 21.316,
249.544

84, 7.337, 62.723

63, 26.355,
251.874

87, 13.467, 62.007

60, 31.084,
254.700

90, 18.390, 64.894

92, 19.705, 78.958

57, 35.504,
258.087

94, 22.038, 90.566

54, 39.663,
262.069

96, 25.086, 99.568

■ 51, 43.659,
266.612

■ 98, 28.605,
106.404

■ 49, 47.646,
271.540

■ 48, 48.540,
272.569

Harmonies

Complementary

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



73, 10.417, 246.085



73, 11.234, 62.058

Rectangle

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



73, 10.417, 246.085



73, 10.417, 296.085



73, 10.417, 66.085



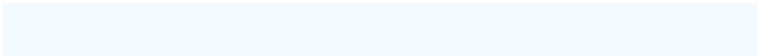
73, 10.417, 116.085

Sweetspot

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



73, 10.416, 246.076



98, 3.678, 244.571



76, 17.445, 156.472



52, 2.507, 244.633



0, 0.000, 0.000



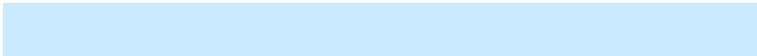
53, 0.007, 296.813

Same Dimension

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



73, 10.416, 246.076



91, 15.085, 246.584



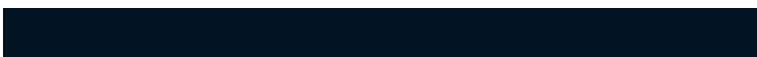
68, 17.050, 287.117



39, 3.317, 245.001



40, 41.353, 271.757



5, 11.519, 259.301

Inverse Universe

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



70, 17.460, 339.996



87, 25.478, 340.296



77, 16.549, 103.085



38, 5.454, 339.293



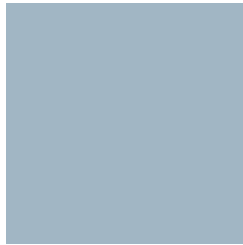
35, 61.979, 352.532



3, 16.868, 346.261

Previews

White Background



This preview shows how the CIELCh color 73, 10.417, 246.085 looks on a white background.

Color Contrast Check

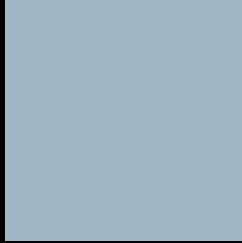
Large Text (above 18pt) WCAG AA × Fail

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 73, 10.417, 246.085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

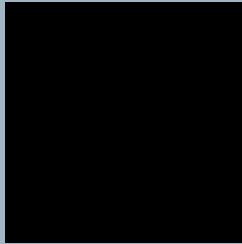
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

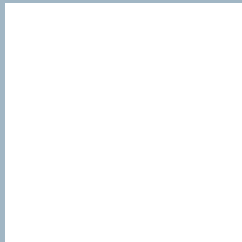
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 10.417, 246.085

Background



This preview shows how black text looks on a background with the CIELCh color 73, 10.417, 246.085.



This preview shows how white text looks on a background with the CIELCh color 73, 10.417, 246.085.

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](#).

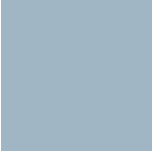
Dichromacy



Original Color
73, 10.417, 246.085

Protanopia
73, 8.152, 290.969

Deuteranopia
73, 13.935, 311.028



Tritanopia
73, 10.795, 248.228

Trichromacy



Original Color
73, 10.417, 246.085

Protanomaly
73, 8.061, 270.169

Deuteranomaly
73, 10.888, 293.106

Tritanomaly
73, 10.795, 248.228

Monochromacy



Original Color
73, 10.417, 246.085

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 3.949, 242.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 10.417, 246.085 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(161, 182, 196)` looks like.

```
.text, #text, p{  
    color:rgb(161, 182, 196)  
}
```

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(161, 182, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 182, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 10.417, 246.085 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(161, 182, 196) }
```

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

```
.border{ border-color:rgb(161, 182, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 182, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 182, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 182, 196);  
box-shadow:4px 4px 4px 4px rgb(161, 182,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 10.417, 246.085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 182, 196) }
```

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

```
.background{ background-color: rgb(161,  
182, 196) }
```

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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