

Converting Colors

CIELCh(65, 7.192, 193.752)

Have a look what the booklet for
CIELCh(65, 7.192, 193.752) contains.

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Color

CIELCh(65, 7.523, 190.276)

Conversions

Conversions Part 1

Format	Color
Hex	8EA2A0
RGB	142, 162, 160
RGB Percent	56%, 64%, 63%
CMY	0.4438, 0.3654, 0.3732
CMYK	0.12, 0.00, 0.01, 0.37
HSL	174°, 10%, 60%
HSV	174°, 12%, 63%
XYZ	30.3458, 34.0472, 38.1506
YIQ	155.7920, -11.2780, -4.8620

Conversions

Conversions Part 2

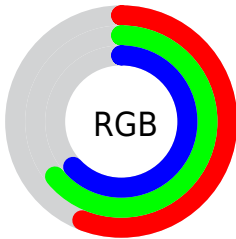
Format	Color
RYB	142, 153, 162
Decimal	9347744
CIELab	65.00, -7.40, -1.34
CIELCh	65, 7.523, 190.276
Yxy	34.0472, 0.2959, 0.3320
Android (android.graphics.Color)	4287537824 (0xFF8EA2A0)
YUV	155.7920, 2.0745, -12.0956
Hunter-Lab	58.3500, -9.2806, 2.0797

Details

The CIELCh color $65, 7.523, 190.276$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 8.010, 12.124$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 7.507, 190.874$, and $45, 7.121, 193.790$ is the 20% darker color. If you saturate the color by 10%, you get $64, 13.301, 189.475$, and if you desaturate by 10%, it is $66, 1.460, 191.276$.

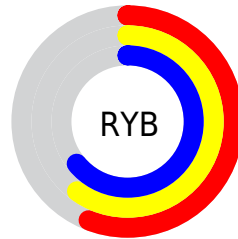
Distribution



Red (56%)

Green (64%)

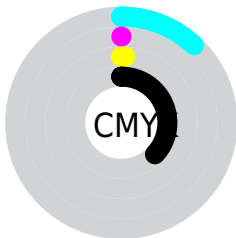
Blue (63%)



Red (56%)

Yellow (60%)

Blue (64%)

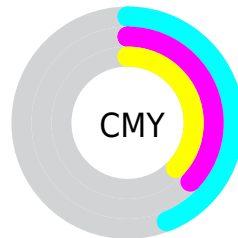


Cyan (12%)

Magenta (0%)

Yellow (1%)

Black (37%)



Cyan (44%)

Magenta (37%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 7.523, 190.276 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 65, 7.523, 190.276 by changing the saturation by 10% instead.

■ 65, 7.523, 190.276

■ 65, 7.523, 190.276

■ 100, 7.523,
190.276

■ 55, 7.523, 190.276

■ 85, 7.523, 190.276

■ 45, 7.523, 190.276

■ 95, 7.523, 190.276

■ 35, 7.523, 190.276

■ 25, 7.523, 190.276

■ 15, 7.523, 190.276

■ 5, 7.523, 190.276

■ 0, 7.523, 190.276

■ 65, 7.523, 190.276

■ 65, 7.523, 190.276

■ 64, 13.301,

■ 66, 1.460, 191.276

189.475

68, 4.805, 11.614

63, 18.696,
188.686

69, 11.196, 12.408

62, 23.609,
187.885

71, 17.653, 13.152

61, 27.942,
187.059

72, 24.128, 13.878

61, 31.614,
186.197

74, 30.582, 14.589

60, 34.568,
185.284

76, 36.944, 15.271

60, 36.784,
184.302

76, 36.927, 13.943

60, 38.292,
183.235

60, 39.137,
182.386

Harmonies

Complementary

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



65, 7.523, 190.276



61, 8.010, 12.124

Rectangle

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



65, 7.523, 190.276



65, 7.523, 240.276



65, 7.523, 10.276



65, 7.523, 60.276

Sweetspot

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



65, 7.524, 190.267



84, 3.075, 191.014



65, 13.098, 140.631



45, 2.200, 190.932



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



65, 7.524, 190.267



82, 11.293, 190.032



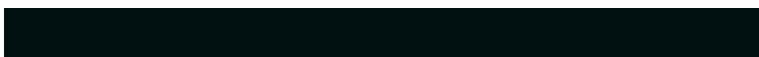
63, 6.176, 243.256



34, 3.489, 190.521



54, 36.138, 182.500



4, 5.572, 188.797

Inverse Universe

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



61, 8.010, 12.124



76, 12.210, 12.419



63, 6.510, 60.643



32, 3.655, 11.823



30, 64.557, 34.934



1, 5.521, 11.905

Previews

White Background



This preview shows how the CIELCh color 65, 7.523, 190.276 looks on a white background.

Color Contrast Check

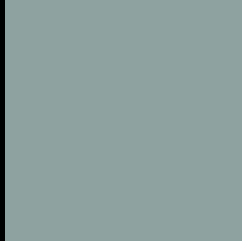
Large Text (above 18pt) WCAG AA × Fail

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 65, 7.523, 190.276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

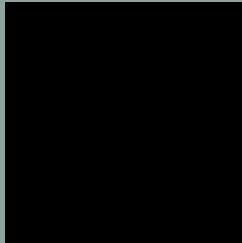
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

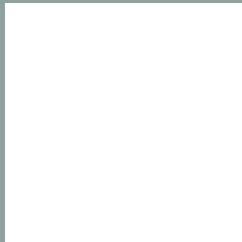
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 7.523, 190.276

Background



This preview shows how black text looks on a background with the CIELCh color 65, 7.523, 190.276.



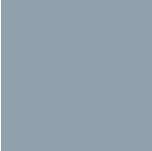
This preview shows how white text looks on a background with the CIELCh color 65, 7.523, 190.276.

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
65, 9.108, 251.819

Trichromacy



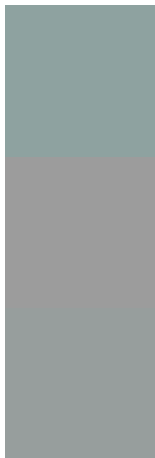
Original Color
65, 7.523, 190.276

Protanomaly
65, 2.346, 185.697

Deuteranomaly
65, 3.191, 318.890

Tritanomaly
65, 7.526, 230.187

Monochromacy



Original Color
65, 7.523, 190.276

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 2.716, 187.506

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 7.523, 190.276 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(142, 162, 160)` looks like.

```
.text, #text, p{  
    color:rgb(142, 162, 160)  
}
```

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(142, 162, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 162, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 7.523, 190.276 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(142, 162, 160) }
```

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

```
.border{ border-color:rgb(142, 162, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 162, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 162, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 162, 160);  
box-shadow:4px 4px 4px 4px rgb(142, 162,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 7.523, 190.276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 162, 160) }
```

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

```
.background{ background-color: rgb(142,  
162, 160) }
```

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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