

Converting Colors

CIELCh(65, 7.485, 59.680)

Have a look what the booklet for
CIELCh(65, 7.485, 59.680) contains.

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Color

CIELCh(65, 7.777, 59.499)

Conversions

Conversions Part 1

Format	Color
Hex	AA9B92
RGB	170, 155, 146
RGB Percent	67%, 61%, 57%
CMY	0.3335, 0.3923, 0.4276
CMYK	0.00, 0.09, 0.14, 0.33
HSL	23°, 12%, 62%
HSV	23°, 14%, 67%
XYZ	33.4709, 34.0472, 31.9873
YIQ	158.4590, 11.8290, 0.3810

Conversions

Conversions Part 2

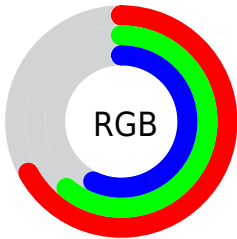
Format	Color
R_{YB}	170, 160, 146
Decimal	11180946
CIE _{Lab}	65.00, 3.95, 6.70
CIE _{LCh}	65, 7.777, 59.499
Yxy	34.0472, 0.3364, 0.3422
Android (android.graphics.Color)	4289371026 (0xFFAA9B92)
YUV	158.4590, -6.1423, 10.1215
Hunter-Lab	58.3500, 0.2792, 8.3423

Details

The CIELCh color $65, 7.777, 59.499$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 7.302, 242.432$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 7.603, 57.949$, and $45, 7.710, 57.831$ is the 20% darker color. If you saturate the color by 10%, you get $62, 13.733, 58.647$, and if you desaturate by 10%, it is $68, 2.195, 60.299$.

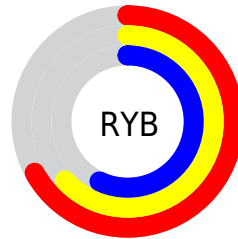
Distribution



Red (67%)

Green (61%)

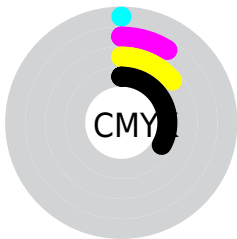
Blue (57%)



Red (67%)

Yellow (63%)

Blue (57%)

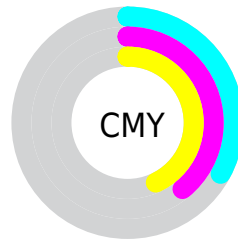


Cyan (0%)

Magenta (9%)

Yellow (14%)

Black (33%)



Cyan (33%)

Magenta (39%)

Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 7.777, 59.499 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, 7.777, 59.499 by changing the saturation by 10% instead.

 65, 7.777, 59.499  65, 7.777, 59.499

 100, 7.777, 59.499  55, 7.777, 59.499

 85, 7.777, 59.499  45, 7.777, 59.499

 95, 7.777, 59.499  35, 7.777, 59.499

 25, 7.777, 59.499

 15, 7.777, 59.499

 5, 7.777, 59.499

 0, 7.777, 59.499

 65, 7.777, 59.499  65, 7.777, 59.499

 62, 13.733, 58.647  68, 2.195, 60.299

59, 20.096, 57.807	72, 3.050, 241.550
56, 26.884, 57.016	75, 7.994, 242.400
53, 34.090, 56.282	78, 12.673, 243.305
50, 41.647, 55.590	82, 17.118, 244.205
47, 49.377, 54.880	85, 21.359, 245.088
45, 56.867, 53.992	88, 22.463, 235.359
43, 63.310, 52.580	91, 23.024, 218.111
42, 66.808, 51.784	94, 25.369, 203.086

Harmonies

Complementary

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



65, 7.777, 59.499



65, 7.302, 242.432

Rectangle

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



65, 7.777, 59.499



65, 7.777, 109.499



65, 7.777, 239.499



65, 7.777, 289.499

Sweetspot

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



65, 7.777, 59.515



87, 2.646, 60.301



63, 12.546, 338.119



46, 1.901, 60.262



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



65, 7.777, 59.515



82, 11.752, 59.238



68, 11.453, 102.626



34, 3.043, 59.928



36, 60.087, 52.225



3, 5.381, 54.391

Inverse Universe

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



65, 7.302, 242.432



82, 10.860, 242.826



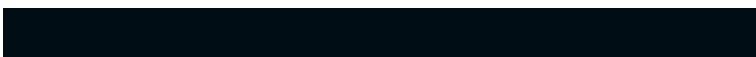
62, 11.708, 285.776



34, 2.926, 241.893



38, 36.885, 267.784



3, 5.591, 250.177

Previews

White Background



This preview shows how the CIELCh color 65, 7.777, 59.499 looks on a white background.

Color Contrast Check

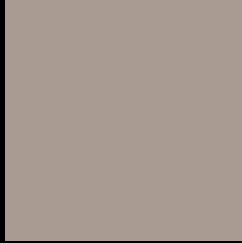
Large Text (above 18pt) WCAG AA × Fail

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, 7.777, 59.499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

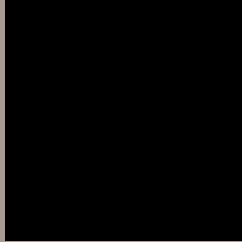
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

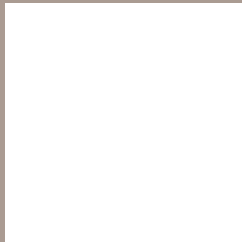
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 7.777, 59.499

Background



This preview shows how black text looks on a background with the CIELCh color 65, 7.777, 59.499.



This preview shows how white text looks on a background with the CIELCh color 65, 7.777, 59.499.

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

65, 7.777, 59.499

Protanopia

65, 6.008, 86.397

Deuteranopia

65, 10.565, 38.479



Tritanopia
65, 10.171, 339.473

Trichromacy



Original Color
65, 7.777, 59.499

Protanomaly
65, 6.352, 71.134

Deuteranomaly
65, 9.253, 44.730

Tritanomaly
65, 7.338, 2.499

Monochromacy



Original Color
65, 7.777, 59.499

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.537, 60.239

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 65, 7.777, 59.499 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(170, 155, 146)` looks like.

```
.text, #text, p{  
    color:rgb(170, 155, 146)  
}
```

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(170, 155, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 155, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 7.777, 59.499 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(170, 155, 146) }
```

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

```
.border{ border-color:rgb(170, 155, 146) }
```

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

Here you see how a box with a 4 pixel rgb(170, 155, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 155, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 155, 146);  
box-shadow:4px 4px 4px 4px rgb(170, 155,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 7.777, 59.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 155, 146) }
```

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

```
.background{ background-color: rgb(170,  
155, 146) }
```

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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