

Converting Colors

CIELCh(65, 7.888, 24.092)

Have a look what the booklet for
CIELCh(65, 7.888, 24.092) contains.

CIELCh(65, 7.888, 24.092)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(65, 7.888, 24.092)

Conversions

Conversions Part 1

Format	Color
Hex	AD9998
RGB	173, 153, 152
RGB Percent	68%, 60%, 60%
CMY	0.3206, 0.3991, 0.4030
CMYK	0.00, 0.12, 0.12, 0.32
HSL	3°, 11%, 64%
HSV	3°, 12%, 68%
XYZ	34.4047, 34.0472, 34.5661
YIQ	158.8660, 12.2410, 3.9290

Conversions

Conversions Part 2

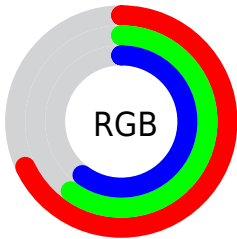
Format	Color
RYB	173, 153, 152
Decimal	11377048
CIELab	65.00, 7.20, 3.22
CIElCh	65, 7.888, 24.092
Yxy	34.0472, 0.3340, 0.3305
Android (android.graphics.Color)	4289567128 (0xFFAD9998)
YUV	158.8660, -3.3849, 12.3955
Hunter-Lab	58.3500, 3.1360, 5.7220

Details

The CIELCh color $65, 7.888, 24.092$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 7.298, 203.207$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 8.168, 23.612$, and $45, 7.690, 24.728$ is the 20% darker color. If you saturate the color by 10%, you get $60, 14.977, 24.796$, and if you desaturate by 10%, it is $70, 1.329, 23.300$.

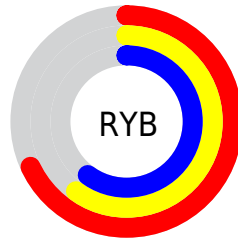
Distribution



Red (68%)

Green (60%)

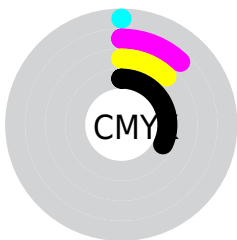
Blue (60%)



Red (68%)

Yellow (60%)

Blue (60%)

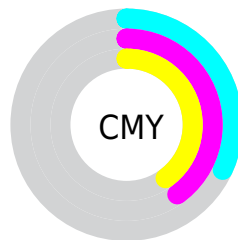


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (32%)



Cyan (32%)

Magenta (40%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 7.888, 24.092 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, 7.888, 24.092 by changing the saturation by 10% instead.

 65, 7.888, 24.092  65, 7.888, 24.092

 100, 7.888, 24.092  55, 7.888, 24.092

 85, 7.888, 24.092  45, 7.888, 24.092


 95, 7.888, 24.092  35, 7.888, 24.092

 25, 7.888, 24.092

 15, 7.888, 24.092

 5, 7.888, 24.092

 0, 7.888, 24.092

 65, 7.888, 24.092  65, 7.888, 24.092

 60, 14.977, 24.796  70, 1.329, 23.300

56, 22.614, 25.691

75, 4.732, 203.416

51, 30.772, 26.873

80, 10.340,
203.089

47, 39.369, 28.426

84, 15.546,
202.876

44, 48.251, 30.430

41, 57.166, 32.921

89, 20.396,
202.726

39, 65.699, 35.780

94, 24.973,
201.189

37, 73.010, 38.505

36, 77.525, 40.497

95, 25.870,
197.822

Harmonies

Complementary

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



65, 7.888, 24.092



69, 7.298, 203.207

Rectangle

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



65, 7.888, 24.092



65, 7.888, 74.092



65, 7.888, 204.092



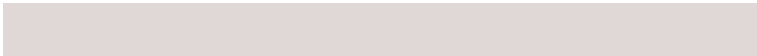
65, 7.888, 254.092

Sweetspot

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



65, 7.887, 24.105



87, 3.110, 23.566



65, 13.811, 325.990



46, 2.214, 23.629



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, 7.887, 24.105



80, 12.193, 24.305



68, 7.252, 77.405



34, 3.644, 23.931



31, 69.331, 40.176



2, 7.505, 22.782

Inverse Universe

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



69, 7.298, 203.207



87, 11.045, 203.092



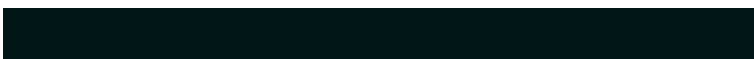
66, 7.087, 260.603



36, 3.435, 203.323



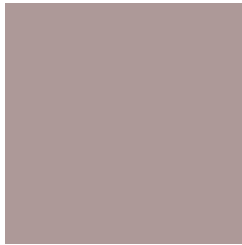
54, 31.745, 204.154



6, 7.290, 205.650

Previews

White Background



This preview shows how the CIELCh color 65, 7.888, 24.092 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 65, 7.888, 24.092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

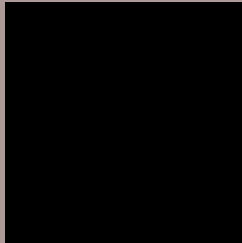
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 7.888, 24.092

Background



This preview shows how black text looks on a background with the CIELCh color 65, 7.888, 24.092.



This preview shows how white text looks on a background with the CIELCh color 65, 7.888, 24.092.

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, 7.888, 24.092

Protanopia

65, 2.256, 66.690

Deuteranopia

65, 8.690, 23.798



Tritanopia
65, 10.755, 345.930

Trichromacy



Original Color
65, 7.888, 24.092

Protanomaly
65, 3.867, 44.992

Deuteranomaly
65, 8.288, 23.936

Tritanomaly
65, 9.374, 355.872

Monochromacy



Original Color
65, 7.888, 24.092

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.697, 19.482

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 7.888, 24.092 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(173, 153, 152)` looks like.

```
.text, #text, p{  
    color:rgb(173, 153, 152)  
}
```

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(173, 153, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 153, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 7.888, 24.092 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(173, 153, 152) }
```

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

```
.border{ border-color:rgb(173, 153, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 153, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 153, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 153, 152);  
box-shadow:4px 4px 4px 4px rgb(173, 153,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 7.888, 24.092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 153, 152) }
```

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

```
.background{ background-color: rgb(173,  
153, 152) }
```

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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