

Converting Colors

CIELCh(63, 9.559, 8.568)

Have a look what the booklet for
CIELCh(63, 9.559, 8.568) contains.

CIELCh(63, 9.212, 9.853)	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(63, 9.212, 9.853)

Conversions

Conversions Part 1

Format	Color
Hex	AA9396
RGB	170, 147, 150
RGB Percent	67%, 58%, 59%
CMY	0.3336, 0.4238, 0.4120
CMYK	0.00, 0.14, 0.12, 0.33
HSL	352°, 12%, 62%
HSV	352°, 14%, 67%
XYZ	32.4876, 31.5869, 33.2124
YIQ	154.2190, 12.7450, 5.8090

Conversions

Conversions Part 2

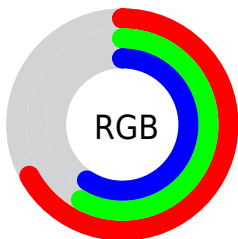
Format	Color
RYB	170, 147, 150
Decimal	11178902
CIELab	63.00, 9.08, 1.58
CIELCh	63, 9.212, 9.853
Yxy	31.5869, 0.3339, 0.3247
Android (android.graphics.Color)	4289368982 (0xFFAA9396)
YUV	154.2190, -2.0800, 13.8399
Hunter-Lab	56.2022, 4.8277, 4.3044

Details

The CIELCh color $63, 9.212, 9.853$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 8.639, 187.663$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 9.039, 10.008$, and $43, 9.554, 9.877$ is the 20% darker color. If you saturate the color by 10%, you get $58, 16.494, 10.989$, and if you desaturate by 10%, it is $68, 2.333, 8.793$.

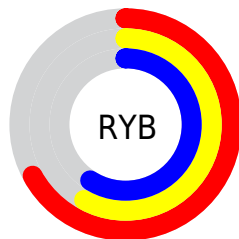
Distribution



Red (67%)

Green (58%)

Blue (59%)



Red (67%)

Yellow (58%)

Blue (59%)

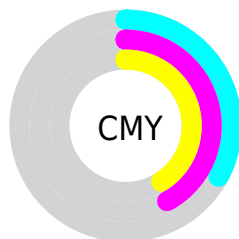


Cyan (0%)

Magenta (14%)

Yellow (12%)

Black (33%)



Cyan (33%)

Magenta (42%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 9.212, 9.853 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 63, 9.212, 9.853 by changing the saturation by 10% instead.

 63, 9.212, 9.853

 63, 9.212, 9.853

 100, 9.212, 9.853

 53, 9.212, 9.853

 83, 9.212, 9.853

 43, 9.212, 9.853

 93, 9.212, 9.853

 33, 9.212, 9.853

 23, 9.212, 9.853

 13, 9.212, 9.853

 3, 9.212, 9.853

 0, 9.212, 9.853

 63, 9.212, 9.853

 63, 9.212, 9.853

 58, 16.494, 10.989

 68, 2.333, 8.793

54, 24.139, 12.349

73, 4.134, 188.331

49, 32.046, 14.033

78, 10.206,
187.598

45, 40.044, 16.151

83, 15.913,
187.002

42, 47.893, 18.832

39, 55.316, 22.204

88, 21.287,
186.486

37, 62.078, 26.317

93, 26.364,
186.030

36, 68.019, 30.998

35, 71.548, 33.845

95, 26.898,
195.975

95, 26.771,
197.767

Harmonies

Complementary

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



63, 9.212, 9.853



68, 8.639, 187.663

Rectangle

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



63, 9.212, 9.853



63, 9.212, 59.853



63, 9.212, 189.853



63, 9.212, 239.853

Sweetspot

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



63, 9.210, 9.862



86, 3.287, 8.866



63, 14.925, 321.378



46, 2.360, 8.956



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



63, 9.210, 9.862



79, 13.641, 10.155



65, 7.429, 58.563



33, 3.773, 9.427



30, 64.196, 33.244



1, 6.673, 10.160

Inverse Universe

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



63, 9.210, 9.862



79, 13.641, 10.155



66, 6.984, 241.284



33, 3.773, 9.427



30, 64.196, 33.244



1, 6.673, 10.160

Previews

White Background



This preview shows how the CIELCh color 63, 9.212, 9.853 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 63, 9.212, 9.853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

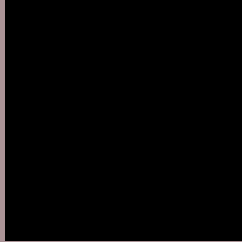
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 9.212, 9.853

Background



This preview shows how black text looks on a background with the CIELCh color 63, 9.212, 9.853.



This preview shows how white text looks on a background with the CIELCh color 63, 9.212, 9.853.

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

63, 9.212, 9.853

Protanopia

63, 1.292, 353.565

Deuteranopia

63, 7.944, 12.091



Tritanopia
63, 11.481, 348.288

Trichromacy



Original Color

63, 9.212, 9.853

Protanomaly

63, 4.049, 3.704

Deuteranomaly

63, 8.341, 12.522

Tritanomaly

63, 10.735, 355.959

Monochromacy



Original Color

63, 9.212, 9.853

Achromatopsia

64, 0.008, 296.813

Achromatomaly

63, 3.670, 1.963

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 9.212, 9.853 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, 147, 150)` looks like.

```
.text, #text, p{  
    color:rgb(170, 147, 150)  
}
```

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, 147, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 147, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 9.212, 9.853 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, 147, 150) }
```

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

```
.border{ border-color:rgb(170, 147, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 147, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 147, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 147, 150);  
box-shadow:4px 4px 4px 4px rgb(170, 147,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 9.212, 9.853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 147, 150) }
```

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

```
.background{ background-color: rgb(170,  
147, 150) }
```

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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