

Converting Colors

CIELCh(63, 7.677, 56.874)

Have a look what the booklet for
CIELCh(63, 7.677, 56.874) contains.

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Color

CIELCh(63, 7.830, 59.465)

Conversions

Conversions Part 1

Format	Color
Hex	A5968D
RGB	165, 150, 141
RGB Percent	65%, 59%, 55%
CMY	0.3542, 0.4130, 0.4483
CMYK	0.00, 0.09, 0.15, 0.35
HSL	23°, 12%, 60%
HSV	23°, 15%, 65%
XYZ	31.0870, 31.5869, 29.5328
YIQ	153.4590, 11.8290, 0.3810

Conversions

Conversions Part 2

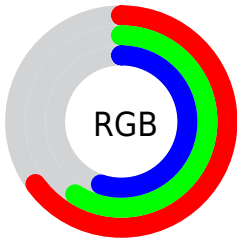
Format	Color
RYB	165, 155, 141
Decimal	10851981
CIELab	63.00, 3.98, 6.74
CIELCh	63, 7.830, 59.465
Yxy	31.5869, 0.3371, 0.3426
Android (android.graphics.Color)	4289042061 (0xFFA5968D)
YUV	153.4590, -6.1423, 10.1215
Hunter-Lab	56.2022, 0.3793, 8.1862

Details

The CIELCh color $63, 7.830, 59.465$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 7.337, 242.483$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 7.642, 57.930$, and $43, 7.788, 57.773$ is the 20% darker color. If you saturate the color by 10%, you get $60, 13.650, 58.615$, and if you desaturate by 10%, it is $66, 2.375, 60.278$.

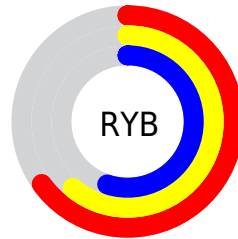
Distribution



Red (65%)

Green (59%)

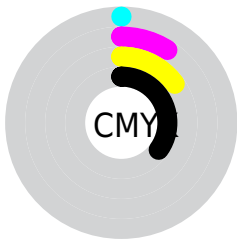
Blue (55%)



Red (65%)

Yellow (61%)

Blue (55%)

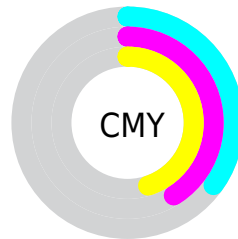


Cyan (0%)

Magenta (9%)

Yellow (15%)

Black (35%)



Cyan (35%)


Magenta (41%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 7.830, 59.465 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, 7.830, 59.465 by changing the saturation by 10% instead.

 63, 7.830, 59.465  63, 7.830, 59.465

 100, 7.830, 59.465  53, 7.830, 59.465

 83, 7.830, 59.465  43, 7.830, 59.465

 93, 7.830, 59.465  33, 7.830, 59.465

 23, 7.830, 59.465

 13, 7.830, 59.465

 3, 7.830, 59.465

 0, 7.830, 59.465

 63, 7.830, 59.465  63, 7.830, 59.465

 60, 13.650, 58.615  66, 2.375, 60.278

57, 19.866, 57.778

69, 2.750, 241.520

54, 26.496, 56.991

73, 7.581, 242.357

51, 33.530, 56.261

76, 12.152,
243.260

48, 40.903, 55.571

79, 16.496,
244.159

46, 48.436, 54.861

43, 55.722, 53.967

82, 20.639,
245.041

41, 61.972, 52.546

86, 24.292,
244.959

40, 65.211, 51.880

88, 23.658,
228.958

91, 24.786,
213.507

Harmonies

Complementary

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



63, 7.830, 59.465



63, 7.337, 242.483

Rectangle

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



63, 7.830, 59.465



63, 7.830, 109.465



63, 7.830, 239.465



63, 7.830, 289.465

Sweetspot

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



63, 7.830, 59.481



84, 2.572, 60.303



61, 12.619, 338.151



44, 1.829, 60.265



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



63, 7.830, 59.481



79, 11.420, 59.242



66, 11.516, 102.581



33, 2.966, 59.933



35, 59.298, 52.285



2, 4.476, 56.498

Inverse Universe

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



63, 7.337, 242.483



80, 10.556, 242.823



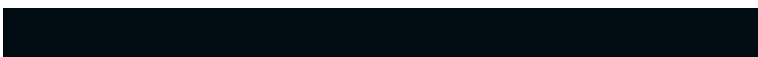
60, 11.780, 285.829



33, 2.852, 241.890



37, 36.381, 267.700



3, 4.598, 247.749

Previews

White Background



This preview shows how the CIELCh color 63, 7.830, 59.465 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 63, 7.830, 59.465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

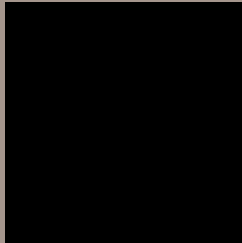
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 7.830, 59.465

Background



This preview shows how black text looks on a background with the CIELCh color 63, 7.830, 59.465.



This preview shows how white text looks on a background with the CIELCh color 63, 7.830, 59.465.

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, 7.830, 59.465

Protanopia

63, 6.045, 86.363

Deuteranopia

63, 10.251, 39.170



Tritanopia
63, 10.230, 339.499

Trichromacy



Original Color
63, 7.830, 59.465

Protanomaly
63, 6.151, 74.027

Deuteranomaly
63, 9.319, 44.717

Tritanomaly
63, 7.384, 2.530

Monochromacy



Original Color
63, 7.830, 59.465

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 2.553, 60.230

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 7.830, 59.465 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(165, 150, 141)` looks like.

```
.text, #text, p{  
    color:rgb(165, 150, 141)  
}
```

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(165, 150, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 150, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 7.830, 59.465 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(165, 150, 141) }
```

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

```
.border{ border-color:rgb(165, 150, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 150, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 150, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 150, 141);  
box-shadow:4px 4px 4px 4px rgb(165, 150,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 7.830, 59.465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 150, 141) }
```

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

```
.background{ background-color: rgb(165,  
150, 141) }
```

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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