

Converting Colors

CIELCh(63, 5.317, 68.637)

Have a look what the booklet for
CIELCh(63, 5.317, 68.637) contains.

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Color

CIELCh(63, 5.270, 67.208)

Conversions

Conversions Part 1

Format	Color
Hex	A09790
RGB	160, 151, 144
RGB Percent	63%, 59%, 56%
CMY	0.3728, 0.4081, 0.4356
CMYK	0.00, 0.06, 0.10, 0.37
HSL	26°, 8%, 60%
HSV	26°, 10%, 63%
XYZ	30.5657, 31.5869, 30.8421
YIQ	152.8930, 7.6110, -0.2690

Conversions

Conversions Part 2

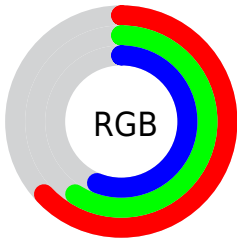
Format	Color
R_{YB}	160, 156, 144
Decimal	10524560
CIE Lab	63.00, 2.04, 4.86
CIE LCh	63, 5.270, 67.208
Yxy	31.5869, 0.3287, 0.3397
Android (android.graphics.Color)	4288714640 (0xFFA09790)
YUV	152.8930, -4.3842, 6.2328
Hunter-Lab	56.2022, -1.2765, 6.8050

Details

The CIELCh color $63, 5.270, 67.208$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 5.099, 249.637$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 5.218, 64.396$, and $43, 4.967, 65.925$ is the 20% darker color. If you saturate the color by 10%, you get $60, 10.839, 66.171$, and if you desaturate by 10%, it is $66, 0.007, 308.837$.

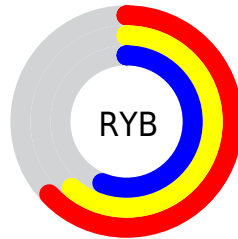
Distribution



Red (63%)

Green (59%)

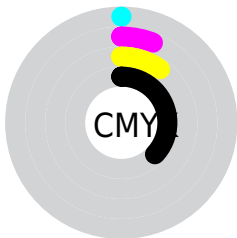
Blue (56%)



Red (63%)

Yellow (61%)

Blue (56%)

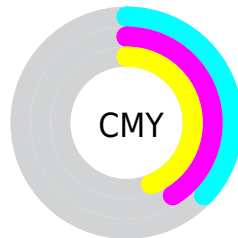


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (37%)



Cyan (37%)

Magenta (41%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 5.270, 67.208 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, 5.270, 67.208 by changing the saturation by 10% instead.

 63, 5.270, 67.208  63, 5.270, 67.208

 100, 5.270, 67.208  53, 5.270, 67.208

 83, 5.270, 67.208  43, 5.270, 67.208

 93, 5.270, 67.208  33, 5.270, 67.208

 23, 5.270, 67.208

 13, 5.270, 67.208

 3, 5.270, 67.208

 0, 5.270, 67.208

 63, 5.270, 67.208  63, 5.270, 67.208

 60, 10.839, 66.171  66, 0.007, 308.837

■ 57, 16.730, 65.097

■ 69, 5.011, 249.534

■ 55, 22.958, 64.032

■ 72, 9.782, 250.557

■ 52, 29.522, 62.984

■ 75, 14.343,
251.576

■ 50, 36.375, 61.944

■ 77, 18.720,
252.568

■ 47, 43.389, 60.871

■ 45, 50.273, 59.659

■ 80, 22.934,
253.529

■ 43, 56.450, 58.075

■ 83, 26.664,
253.753

■ 41, 61.713, 56.201

■ 86, 25.066,
241.073

■ 88, 24.757,
227.590

Harmonies

Complementary

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



63, 5.270, 67.208



63, 5.099, 249.637

Rectangle

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



63, 5.270, 67.208



63, 5.270, 117.208



63, 5.270, 247.208



63, 5.270, 297.208

Sweetspot

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



63, 5.270, 67.230



83, 1.925, 67.831



61, 8.045, 340.954



43, 1.461, 67.792



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



63, 5.270, 67.230



80, 7.914, 66.999



65, 8.263, 106.363



32, 2.945, 67.308



37, 56.652, 56.596



2, 3.734, 65.710

Inverse Universe

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



63, 5.099, 249.637



79, 7.592, 249.918



61, 8.428, 288.434



32, 2.858, 249.544



33, 40.571, 276.141



2, 3.836, 251.733

Previews

White Background



This preview shows how the CIELCh color 63, 5.270, 67.208 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, 5.270, 67.208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

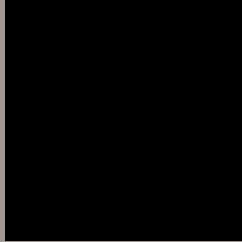
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 5.270, 67.208

Background



This preview shows how black text looks on a background with the CIELCh color 63, 5.270, 67.208.



This preview shows how white text looks on a background with the CIELCh color 63, 5.270, 67.208.

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, 5.270, 67.208

Protanopia

63, 4.860, 85.737

Deuteranopia

63, 9.241, 27.124



Tritanopia
63, 8.621, 329.085

Trichromacy



Original Color
63, 5.270, 67.208

Protanomaly
63, 5.033, 81.592

Deuteranomaly
63, 7.343, 33.126

Tritanomaly
63, 5.438, 348.981

Monochromacy



Original Color
63, 5.270, 67.208

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 1.899, 55.187

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 5.270, 67.208 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(160, 151, 144)` looks like.

```
.text, #text, p{  
    color:rgb(160, 151, 144)  
}
```

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(160, 151, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 151, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 5.270, 67.208 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(160, 151, 144) }
```

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

```
.border{ border-color:rgb(160, 151, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 151, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 151, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 151, 144);  
box-shadow:4px 4px 4px 4px rgb(160, 151,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 5.270, 67.208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 151, 144) }
```

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

```
.background{ background-color: rgb(160,  
151, 144) }
```

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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