

Converting Colors

CIELCh(63, 23.950, 58.411)

Have a look what the booklet for
CIELCh(63, 23.950, 58.411) contains.

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Color

CIELCh(63, 23.776, 59.297)

Conversions

Conversions Part 1

Format	Color
Hex	BA9075
RGB	186, 144, 117
RGB Percent	73%, 56%, 46%
CMY	0.2713, 0.4360, 0.5419
CMYK	0.00, 0.23, 0.37, 0.27
HSL	23°, 33%, 59%
HSV	23°, 37%, 73%
XYZ	33.3492, 31.5869, 21.1148
YIQ	153.4800, 33.6990, 0.5070

Conversions

Conversions Part 2

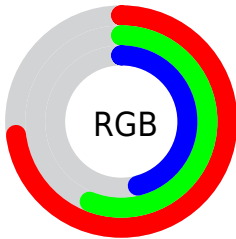
Format	Color
RYB	186, 161, 117
Decimal	12226677
CIELab	63.00, 12.14, 20.44
CIElCh	63, 23.776, 59.297
Yxy	31.5869, 0.3876, 0.3671
Android (android.graphics.Color)	4290416757 (0xFFBA9075)
YUV	153.4800, -17.9846, 28.5200
Hunter-Lab	56.2022, 7.5642, 17.0667

Details

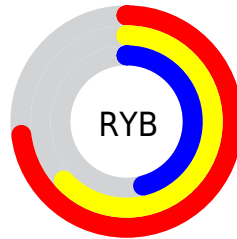
The CIELCh color $63, 23.776, 59.297$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $63, 19.919, 248.232$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 23.766, 59.912$, and $43, 23.453, 59.771$ is the 20% darker color. If you saturate the color by 10%, you get $60, 31.187, 58.444$, and if you desaturate by 10%, it is $66, 16.808, 60.207$.

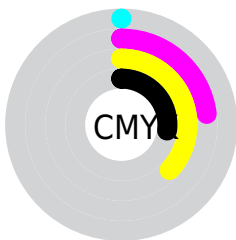
Distribution



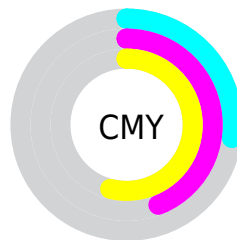
- Red (73%)
- Green (56%)
- Blue (46%)



- Red (73%)
- Yellow (63%)
- Blue (46%)



- Cyan (0%)
- Magenta (23%)
- Yellow (37%)
- Black (27%)



- Cyan (27%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 23.776, 59.297 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, 23.776, 59.297 by changing the saturation by 10% instead.

■ 63, 23.776, 59.297

■ 63, 23.776, 59.297

■ 100, 23.776,
59.297

■ 53, 23.776, 59.297

■ 83, 23.776, 59.297

■ 43, 23.776, 59.297

■ 93, 23.776, 59.297

■ 33, 23.776, 59.297

■ 23, 23.776, 59.297

■ 13, 23.776, 59.297

■ 3, 23.776, 59.297

■ 0, 23.776, 59.297

■ 63, 23.776, 59.297

■ 63, 23.776, 59.297

■ 60, 31.187, 58.444

■ 66, 16.808, 60.207

57, 39.014, 57.627

70, 10.272, 61.139

54, 47.151, 56.826

73, 4.139, 62.050

51, 55.328, 55.951

76, 1.629, 243.398

49, 62.965, 54.785

80, 7.070, 244.180

46, 69.156, 52.994

83, 12.224,
245.127

46, 70.896, 52.559

87, 17.124,
246.071

90, 18.619,
234.094

93, 19.708,
212.601

Harmonies

Complementary

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



63, 23.776, 59.297



63, 19.919, 248.232

Rectangle

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



63, 23.776, 59.297



63, 23.776, 109.297



63, 23.776, 239.297



63, 23.776, 289.297

Sweetspot

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



63, 23.776, 59.303



91, 8.031, 61.691



58, 35.231, 340.926



48, 5.464, 61.566



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



63, 23.776, 59.303



77, 36.778, 58.559



72, 32.804, 100.993



37, 3.283, 61.859



38, 61.893, 53.094



4, 8.737, 49.915

Inverse Universe

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



63, 19.919, 248.232



78, 29.363, 250.149



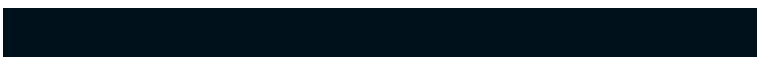
54, 35.150, 290.175



37, 3.161, 243.934



39, 39.624, 270.405



4, 9.253, 256.871

Previews

White Background



This preview shows how the CIELCh color 63, 23.776, 59.297 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, 23.776, 59.297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

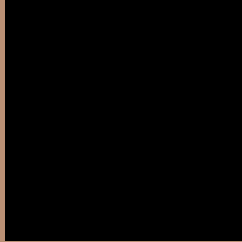
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 23.776, 59.297

Background



This preview shows how black text looks on a background with the CIELCh color 63, 23.776, 59.297.



This preview shows how white text looks on a background with the CIELCh color 63, 23.776, 59.297.

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, 23.776, 59.297

Protanopia

63, 17.726, 94.645

Deuteranopia

63, 22.393, 67.780



Tritanopia
63, 20.748, 4.569

Trichromacy



Original Color
63, 23.776, 59.297

Protanomaly
63, 19.204, 79.350

Deuteranomaly
63, 22.909, 64.572

Tritanomaly
63, 19.384, 26.178

Monochromacy



Original Color
63, 23.776, 59.297

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 8.210, 62.342

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 23.776, 59.297 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(186, 144, 117)` looks like.

```
.text, #text, p{  
    color:rgb(186, 144, 117)  
}
```

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(186, 144, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 144, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 23.776, 59.297 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(186, 144, 117) }
```

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

```
.border{ border-color:rgb(186, 144, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 144, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 144, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 144, 117);  
box-shadow:4px 4px 4px 4px rgb(186, 144,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 23.776, 59.297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 144, 117) }
```

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

```
.background{ background-color: rgb(186,  
144, 117) }
```

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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