

Converting Colors

CIELCh(63, 7.984, 64.844)

Have a look what the booklet for
CIELCh(63, 7.984, 64.844) contains.

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Color

CIELCh(63, 7.914, 64.329)

Conversions

Conversions Part 1

Format	Color
Hex	A4968C
RGB	164, 150, 140
RGB Percent	64%, 59%, 55%
CMY	0.3570, 0.4118, 0.4511
CMYK	0.00, 0.09, 0.15, 0.36
HSL	25°, 12%, 60%
HSV	25°, 15%, 64%
XYZ	30.9384, 31.5869, 29.2676
YIQ	153.0460, 11.5540, -0.1420

Conversions

Conversions Part 2

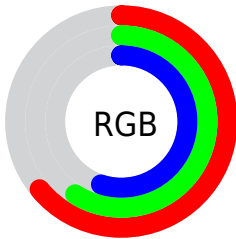
Format	Color
RYB	164, 157, 140
Decimal	10786444
CIELab	63.00, 3.43, 7.13
CIElCh	63, 7.914, 64.329
Yxy	31.5869, 0.3370, 0.3441
Android (android.graphics.Color)	4288976524 (0xFFA4968C)
YUV	153.0460, -6.4317, 9.6067
Hunter-Lab	56.2022, -0.0927, 8.4660

Details

The CIELCh color $63, 7.914, 64.329$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 7.484, 247.706$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 7.704, 62.675$, and $43, 7.859, 63.025$ is the 20% darker color. If you saturate the color by 10%, you get $60, 13.728, 63.332$, and if you desaturate by 10%, it is $66, 2.432, 65.280$.

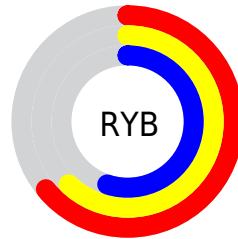
Distribution



Red (64%)

Green (59%)

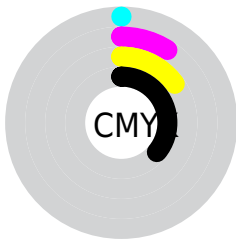
Blue (55%)



Red (64%)

Yellow (62%)

Blue (55%)

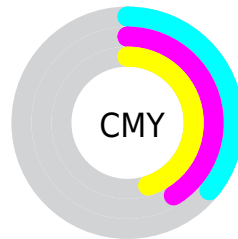


Cyan (0%)

Magenta (9%)

Yellow (15%)

Black (36%)



Cyan (36%)

Magenta (41%)

Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 7.914, 64.329 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, 7.914, 64.329 by changing the saturation by 10% instead.

 63, 7.914, 64.329  63, 7.914, 64.329


 100, 7.914, 64.329  53, 7.914, 64.329

 83, 7.914, 64.329  43, 7.914, 64.329

 93, 7.914, 64.329  33, 7.914, 64.329

 23, 7.914, 64.329

 13, 7.914, 64.329

 3, 7.914, 64.329

 0, 7.914, 64.329

 63, 7.914, 64.329  63, 7.914, 64.329

 60, 13.728, 63.332  66, 2.432, 65.280

57, 19.900, 62.329

69, 2.750, 246.610

54, 26.442, 61.352

72, 7.663, 247.553

52, 33.339, 60.403

75, 12.339,
248.545

49, 40.517, 59.462

78, 16.806,
249.523

47, 47.784, 58.464

44, 54.725, 57.248

81, 21.089,
250.474

42, 60.576, 55.494

84, 25.210,
251.394

41, 63.568, 54.634

87, 23.921,
237.317

89, 24.072,
222.494

Harmonies

Complementary

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



63, 7.914, 64.329



63, 7.484, 247.706

Rectangle

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



63, 7.914, 64.329



63, 7.914, 114.329



63, 7.914, 244.329



63, 7.914, 294.329

Sweetspot

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



63, 7.914, 64.344



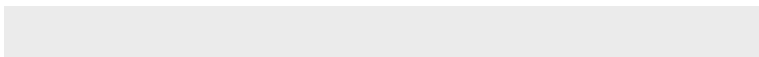
84, 2.604, 65.317



61, 12.202, 340.521



44, 1.852, 65.268



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, 7.914, 64.344



79, 12.233, 63.970



66, 12.131, 105.109



33, 2.999, 64.875



37, 58.014, 55.041



3, 4.504, 61.157

Inverse Universe

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



63, 7.484, 247.706



79, 11.385, 248.218



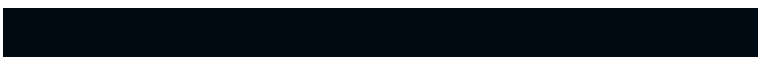
60, 12.462, 288.240



33, 2.901, 247.039



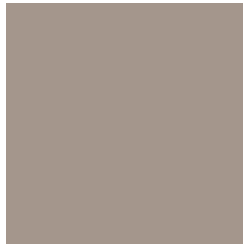
35, 39.469, 273.569



2, 4.700, 252.291

Previews

White Background



This preview shows how the CIE LCh color 63, 7.914, 64.329 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, 7.914, 64.329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

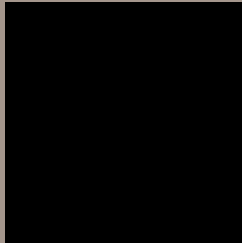
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 7.914, 64.329

Background



This preview shows how black text looks on a background with the CIELCh color 63, 7.914, 64.329.



This preview shows how white text looks on a background with the CIELCh color 63, 7.914, 64.329.

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, 7.914, 64.329

Protanopia

63, 6.564, 88.175

Deuteranopia

63, 10.642, 38.479



Tritanopia
63, 9.943, 337.988

Trichromacy



Original Color
63, 7.914, 64.329

Protanomaly
63, 6.618, 76.723

Deuteranomaly
63, 9.319, 44.717

Tritanomaly
63, 7.008, 1.504

Monochromacy



Original Color
63, 7.914, 64.329

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 2.948, 68.427

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 7.914, 64.329 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(164, 150, 140)` looks like.

```
.text, #text, p{  
    color:rgb(164, 150, 140)  
}
```

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(164, 150, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 150, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 7.914, 64.329 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(164, 150, 140) }
```

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

```
.border{ border-color:rgb(164, 150, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 150, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 150, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 150, 140);  
box-shadow:4px 4px 4px 4px rgb(164, 150,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 7.914, 64.329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 150, 140) }
```

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

```
.background{ background-color: rgb(164,  
150, 140) }
```

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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