

Converting Colors

CIELCh(64, 8.750, 53.543)

Have a look what the booklet for
CIELCh(64, 8.750, 53.543) contains.

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Color

CIELCh(64, 8.785, 54.436)

Conversions

Conversions Part 1

Format	Color
Hex	AA988F
RGB	170, 152, 143
RGB Percent	67%, 60%, 56%
CMY	0.3349, 0.4054, 0.4407
CMYK	0.00, 0.11, 0.16, 0.33
HSL	20°, 14%, 61%
HSV	20°, 16%, 67%
XYZ	32.5835, 32.8017, 30.4468
YIQ	156.3560, 13.6170, 1.0170

Conversions

Conversions Part 2

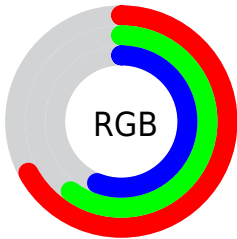
Format	Color
RYB	170, 157, 143
Decimal	11180175
CIELab	64.00, 5.11, 7.15
CIElCh	64, 8.785, 54.436
Yxy	32.8017, 0.3400, 0.3423
Android (android.graphics.Color)	4289370255 (0xFFAA988F)
YUV	156.3560, -6.5845, 11.9658
Hunter-Lab	57.2727, 1.3247, 8.5718

Details

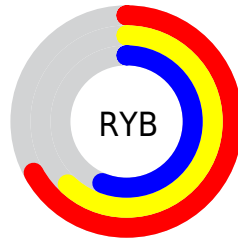
The CIELCh color $64, 8.785, 54.436$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 8.099, 237.263$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 8.555, 53.241$, and $44, 8.851, 52.572$ is the 20% darker color. If you saturate the color by 10%, you get $61, 14.832, 53.764$, and if you desaturate by 10%, it is $67, 3.149, 55.118$.

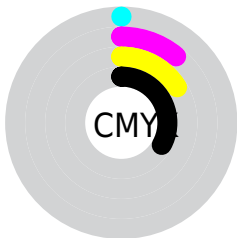
Distribution



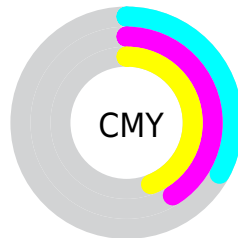
- Red (67%)
- Green (60%)
- Blue (56%)



- Red (67%)
- Yellow (62%)
- Blue (56%)



- Cyan (0%)
- Magenta (11%)
- Yellow (16%)
- Black (33%)



- Cyan (33%)
- Magenta (41%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 8.785, 54.436 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 64, 8.785, 54.436 by changing the saturation by 10% instead.

 64, 8.785, 54.436  64, 8.785, 54.436

 100, 8.785, 54.436  54, 8.785, 54.436

 84, 8.785, 54.436  44, 8.785, 54.436


 94, 8.785, 54.436  34, 8.785, 54.436


 24, 8.785, 54.436

 14, 8.785, 54.436

 4, 8.785, 54.436

 0, 8.785, 54.436

 64, 8.785, 54.436  64, 8.785, 54.436

 61, 14.832, 53.764  67, 3.149, 55.118

57, 21.323, 53.133

71, 2.114, 236.245

54, 28.279, 52.580

74, 7.047, 236.907

51, 35.687, 52.116

78, 11.686,
237.694

48, 43.473, 51.726

81, 16.068,
238.491

46, 51.434, 51.343

43, 59.106, 50.776

85, 20.224,
239.282

41, 65.627, 49.662

88, 22.507,
232.844

40, 68.243, 49.363

91, 23.459,
214.809

94, 26.321,
199.660

Harmonies

Complementary

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



64, 8.785, 54.436



65, 8.099, 237.263

Rectangle

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



64, 8.785, 54.436



64, 8.785, 104.436



64, 8.785, 234.436



64, 8.785, 284.436

Sweetspot

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



64, 8.785, 54.450



85, 3.274, 55.159



62, 14.464, 336.772



45, 2.236, 55.126



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



64, 8.785, 54.450



79, 13.090, 54.211



68, 12.455, 100.585



34, 3.033, 54.909



35, 61.460, 49.769



3, 5.398, 49.943

Inverse Universe

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



65, 8.099, 237.263



81, 11.836, 237.650



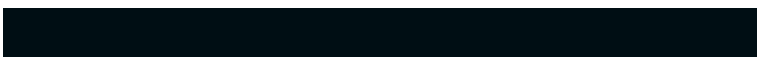
61, 12.721, 284.261



34, 2.900, 236.612



40, 34.175, 261.104



3, 5.477, 245.164

Previews

White Background



This preview shows how the CIELCh color 64, 8.785, 54.436 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 64, 8.785, 54.436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

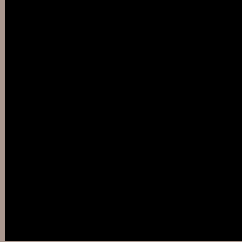
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 8.785, 54.436

Background



This preview shows how black text looks on a background with the CIELCh color 64, 8.785, 54.436.



This preview shows how white text looks on a background with the CIELCh color 64, 8.785, 54.436.

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

64, 8.785, 54.436

Protanopia

64, 6.539, 88.197

Deuteranopia

64, 10.810, 41.197



Tritanopia
64, 11.105, 343.564

Trichromacy



Original Color
64, 8.785, 54.436

Protanomaly
64, 7.283, 76.349

Deuteranomaly
64, 9.912, 46.588

Tritanomaly
64, 8.505, 5.077

Monochromacy



Original Color
64, 8.785, 54.436

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 3.183, 51.024

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 8.785, 54.436 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, 152, 143)` looks like.

```
.text, #text, p{  
    color:rgb(170, 152, 143)  
}
```

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, 152, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 152, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 8.785, 54.436 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, 152, 143) }
```

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

```
.border{ border-color:rgb(170, 152, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 152, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 152, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 152, 143);  
box-shadow:4px 4px 4px 4px rgb(170, 152,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 8.785, 54.436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 152, 143) }
```

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

```
.background{ background-color: rgb(170,  
152, 143) }
```

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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