

Converting Colors

CIELCh(64, 43.224, 105.534)

Have a look what the booklet for
CIELCh(64, 43.224, 105.534)
contains.

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Color

CIELCh(64, 43.376, 105.452)

Conversions

Conversions Part 1

Format	Color
Hex	9F9F4E
RGB	159, 159, 78
RGB Percent	62%, 62%, 31%
CMY	0.3757, 0.3757, 0.6934
CMYK	0.00, 0.00, 0.51, 0.38
HSL	60°, 34%, 47%
HSV	60°, 51%, 62%
XYZ	28.1462, 32.8017, 12.0879
YIQ	149.7660, 26.0010, -25.1910

Conversions

Conversions Part 2

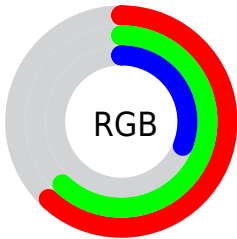
Format	Color
RYB	78, 159, 78
Decimal	10461006
CIELab	64.00, -11.56, 41.81
CIELCh	64, 43.376, 105.452
Yxy	32.8017, 0.3854, 0.4491
Android (android.graphics.Color)	4288651086 (0xFF9F9F4E)
YUV	149.7660, -35.3806, 8.0982
Hunter-Lab	57.2727, -12.5049, 27.5773

Details

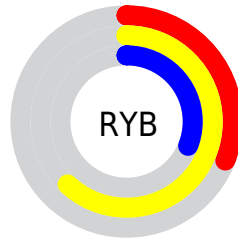
The CIELCh color $64, 43.376, 105.452$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $37, 49.819, 297.452$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 43.703, 105.825$, and $44, 43.552, 105.848$ is the 20% darker color. If you saturate the color by 10%, you get $64, 50.815, 104.653$, and if you desaturate by 10%, it is $64, 35.346, 106.331$.

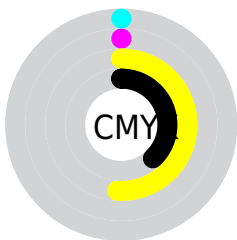
Distribution



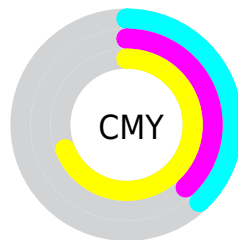
- Red (62%)
- Green (62%)
- Blue (31%)



- Red (31%)
- Yellow (62%)
- Blue (31%)



- Cyan (0%)
- Magenta (0%)
- Yellow (51%)
- Black (38%)




- Cyan (38%)
- Magenta (38%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 43.376, 105.452 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, 43.376, 105.452 by changing the saturation by 10% instead.

 64, 43.376,
105.452

 64, 43.376,
105.452


 100, 43.376,
105.452


 54, 43.376,
105.452


 84, 43.376,
105.452

 44, 43.376,
105.452

 94, 43.376,
105.452

 34, 43.376,
105.452

 24, 43.376,
105.452

 14, 43.376,
105.452

 4, 43.376, 105.452

 0, 43.376, 105.452

■ 64, 43.376,
105.452

■ 64, 43.376,
105.452

■ 64, 50.815,
104.653

■ 64, 35.346,
106.331

■ 64, 57.343,
103.961

■ 64, 26.945,
107.254

■ 64, 62.568,
103.418

■ 65, 18.325,
108.199

■ 64, 66.117,
103.055

■ 65, 9.582, 109.147

■ 64, 68.139,
102.851

■ 66, 0.779, 110.024

■ 66, 8.043, 291.023

■ 66, 16.855,
291.913

■ 67, 25.638,
292.772

■ 68, 34.378,
293.593

Harmonies

Complementary

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



64, 43.376, 105.452



37, 49.819, 297.452

Rectangle

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



64, 43.376, 105.452



64, 43.376, 155.452



64, 43.376, 285.452



64, 43.376, 335.452

Sweetspot

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



64, 43.377, 105.455



82, 16.297, 108.731



43, 36.855, 23.919



44, 11.201, 108.543



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



64, 43.377, 105.455



81, 62.725, 104.559



61, 46.700, 126.167



33, 4.947, 109.302



57, 62.930, 102.851



4, 6.504, 110.175

Inverse Universe

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



37, 49.819, 297.452



41, 75.337, 299.816



41, 50.441, 311.089



30, 5.054, 291.112



15, 86.896, 306.287



0, 6.505, 290.177

Previews

White Background



This preview shows how the CIELCh color 64, 43.376, 105.452 looks on a white background.

Color Contrast Check

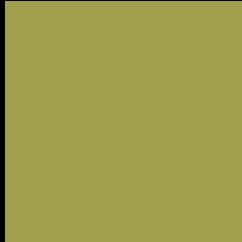
Large Text (above 18pt) WCAG AA × Fail

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, 43.376, 105.452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

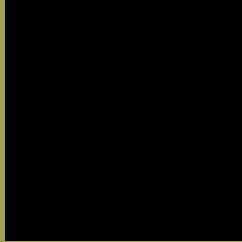
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 43.376, 105.452

Background



This preview shows how black text looks on a background with the CIELCh color 64, 43.376, 105.452.



This preview shows how white text looks on a background with the CIELCh color 64, 43.376, 105.452.

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, 43.376, 105.452

Protanopia

64, 42.712, 95.863

Deuteranopia

64, 41.787, 78.998



Tritanopia
64, 9.630, 336.380

Trichromacy



Original Color
64, 43.376, 105.452

Protanomaly
64, 43.213, 99.538

Deuteranomaly
64, 41.168, 88.650

Tritanomaly
64, 12.663, 86.100

Monochromacy



Original Color
64, 43.376, 105.452

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 16.108, 108.390

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 43.376, 105.452 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(159, 159, 78)` looks like.

```
.text, #text, p{  
    color:rgb(159, 159, 78)  
}
```

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(159, 159, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 159, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 43.376, 105.452 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(159, 159, 78) }
```

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

```
.border{ border-color:rgb(159, 159, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 159, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 159, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 159, 78);  
box-shadow:4px 4px 4px 4px rgb(159, 159,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 43.376, 105.452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 159, 78) }
```

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

```
.background{ background-color: rgb(159,  
159, 78) }
```

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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