

Converting Colors

CIELCh(64, 34.946, 107.228)

Have a look what the booklet for
CIELCh(64, 34.946, 107.228)
contains.

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Color

CIELCh(64, 34.787, 107.102)

Conversions

Conversions Part 1

Format	Color
Hex	9E9F5F
RGB	158, 159, 95
RGB Percent	62%, 62%, 37%
CMY	0.3812, 0.3772, 0.6282
CMYK	0.01, 0.00, 0.40, 0.38
HSL	61°, 25%, 50%
HSV	61°, 40%, 62%
XYZ	28.4837, 32.8017, 15.6131
YIQ	151.4050, 19.9480, -20.1160

Conversions

Conversions Part 2

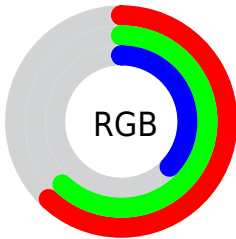
Format	Color
R_{YB}	95, 159, 96
Decimal	10395487
CIE _{Lab}	64.00, -10.23, 33.25
CIE _{LCh}	64, 34.787, 107.102
Yxy	32.8017, 0.3704, 0.4266
Android (android.graphics.Color)	4288585567 (0xFF9E9F5F)
YUV	151.4050, -27.8077, 5.7838
Hunter-Lab	57.2727, -11.4530, 23.9279

Details

The CIELCh color $64, 34.787, 107.102$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $43, 38.516, 295.918$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 35.225, 107.109$, and $44, 34.834, 107.508$ is the 20% darker color. If you saturate the color by 10%, you get $64, 42.831, 106.250$, and if you desaturate by 10%, it is $64, 26.387, 108.006$.

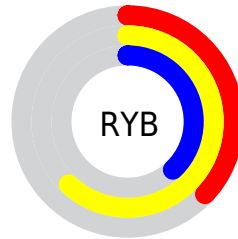
Distribution



Red (62%)

Green (62%)

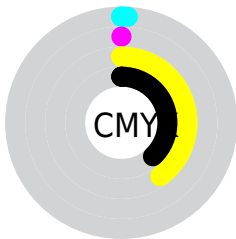
Blue (37%)



Red (37%)

Yellow (62%)

Blue (38%)

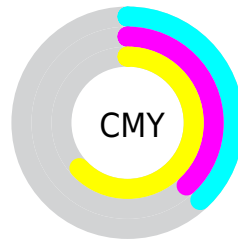


Cyan (1%)

Magenta (0%)

Yellow (40%)

Black (38%)



Cyan (38%)


Magenta (38%)


Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 34.787, 107.102 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, 34.787, 107.102 by changing the saturation by 10% instead.


 64, 34.787,
107.102


 64, 34.787,
107.102


 100, 34.787,
107.102


 54, 34.787,
107.102


 84, 34.787,
107.102

 44, 34.787,
107.102

 94, 34.787,
107.102

 34, 34.787,
107.102

 24, 34.787,
107.102

 14, 34.787,
107.102

 4, 34.787, 107.102

 0, 34.787, 107.102

■ 64, 34.787,
107.102

■ 64, 34.787,
107.102

■ 64, 42.831,
106.250

■ 64, 26.387,
108.006

■ 64, 50.299,
105.470

■ 65, 17.773,
108.927

■ 63, 56.883,
104.803

■ 65, 9.041, 109.851

■ 63, 62.192,
104.291

■ 65, 0.251, 110.577

■ 66, 8.556, 291.673

■ 63, 65.850,
103.973

■ 66, 17.352,
292.537

■ 63, 68.038,
103.818

■ 67, 26.117,
293.368

■ 68, 34.837,
294.161

■ 68, 43.502,
294.914

Harmonies

Complementary

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



64, 34.787, 107.102



43, 38.516, 295.918

Rectangle

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



64, 34.787, 107.102



64, 34.787, 157.102



64, 34.787, 287.102



64, 34.787, 337.102

Sweetspot

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



64, 34.788, 107.105



82, 13.050, 109.673



47, 28.358, 23.226



44, 8.723, 109.562



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, 34.788, 107.105



81, 50.748, 106.364



62, 37.473, 127.218



33, 4.948, 109.947



57, 62.947, 103.810



4, 6.506, 110.949

Inverse Universe

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



43, 38.516, 295.918



50, 57.851, 297.465



46, 39.664, 311.044



30, 5.055, 291.708



15, 86.806, 306.351



0, 6.507, 290.766

Previews

White Background



This preview shows how the CIELCh color 64, 34.787, 107.102 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, 34.787, 107.102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

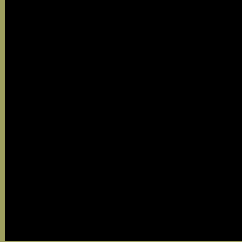
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 34.787, 107.102

Background



This preview shows how black text looks on a background with the CIELCh color 64, 34.787, 107.102.



This preview shows how white text looks on a background with the CIELCh color 64, 34.787, 107.102.

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, 34.787, 107.102

Protanopia
64, 34.472, 96.165

Deuteranopia
64, 33.450, 75.935



Tritanopia
64, 8.834, 331.049

Trichromacy



Original Color
64, 34.787, 107.102

Protanomaly
64, 34.084, 99.828

Deuteranomaly
64, 32.699, 87.901

Tritanomaly
64, 9.590, 87.006

Monochromacy



Original Color
64, 34.787, 107.102

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 12.787, 110.581

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 34.787, 107.102 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(158, 159, 95)` looks like.

```
.text, #text, p{  
    color:rgb(158, 159, 95)  
}
```

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(158, 159, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 159, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 34.787, 107.102 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(158, 159, 95) }
```

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

```
.border{ border-color:rgb(158, 159, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 159, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 159, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 159, 95);  
box-shadow:4px 4px 4px 4px rgb(158, 159,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 34.787, 107.102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 159, 95) }
```

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

```
.background{ background-color: rgb(158,  
159, 95) }
```

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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