

Converting Colors

CIELCh(64, 37.684, 114.004)

Have a look what the booklet for
CIELCh(64, 37.684, 114.004)
contains.

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Color

CIELCh(64, 37.684, 114.004)

Conversions

Conversions Part 1

Format	Color
Hex	95A15C
RGB	149, 161, 92
RGB Percent	58%, 63%, 36%
CMY	0.4144, 0.3673, 0.6380
CMYK	0.07, 0.00, 0.43, 0.37
HSL	70°, 27%, 50%
HSV	70°, 43%, 63%
XYZ	27.2010, 32.8017, 15.0927
YIQ	149.5460, 14.9970, -24.0030

Conversions

Conversions Part 2

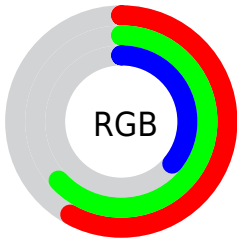
Format	Color
R_{YB}	92, 161, 104
Decimal	9806172
CIE Lab	64.00, -15.33, 34.42
CIE LCh	64, 37.684, 114.004
Yxy	32.8017, 0.3622, 0.4368
Android (android.graphics.Color)	4287996252 (0xFF95A15C)
YUV	149.5460, -28.3702, -0.4788
Hunter-Lab	57.2727, -15.4507, 24.4666

Details

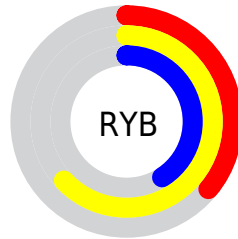
The CIELCh color $64, 37.684, 114.004$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $43, 41.748, 300.992$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 38.023, 114.155$, and $44, 37.794, 114.182$ is the 20% darker color. If you saturate the color by 10%, you get $64, 45.815, 113.396$, and if you desaturate by 10%, it is $64, 29.154, 114.681$.

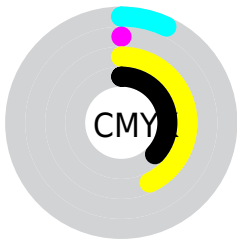
Distribution



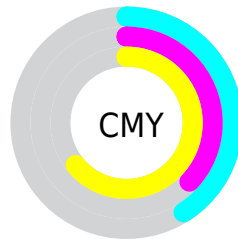
- Red (58%)
- Green (63%)
- Blue (36%)



- Red (36%)
- Yellow (63%)
- Blue (41%)



- Cyan (7%)
- Magenta (0%)
- Yellow (43%)
- Black (37%)





- Cyan (41%)
- Magenta (37%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 37.684, 114.004 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, 37.684, 114.004 by changing the saturation by 10% instead.

 64, 37.684,
114.004


 64, 37.684,
114.004


 100, 37.684,
114.004


 54, 37.684,
114.004


 84, 37.684,
114.004

 44, 37.684,
114.004

 94, 37.684,
114.004

 34, 37.684,
114.004

 24, 37.684,
114.004

 14, 37.684,
114.004

 4, 37.684, 114.004

 0, 37.684, 114.004

■ 64, 37.684,
114.004

■ 64, 37.684,
114.004

■ 64, 45.815,
113.396

■ 64, 29.154,
114.681

■ 63, 53.309,
112.899

■ 65, 20.380,
115.385

■ 63, 59.837,
112.582

■ 66, 11.471,
116.094

■ 63, 65.001,
112.525

■ 66, 2.495, 116.793

■ 62, 68.449,
112.806

■ 67, 6.498, 297.470

■ 62, 70.178,
113.152

■ 68, 15.474,
298.118

■ 68, 24.410,
298.734

■ 69, 33.286,
299.315

■ 70, 42.088,
299.859

Harmonies

Complementary

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



64, 37.684, 114.004



43, 41.748, 300.992

Rectangle

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



64, 37.684, 114.004



64, 37.684, 164.004



64, 37.684, 294.004



64, 37.684, 344.004

Sweetspot

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



64, 37.685, 114.006



83, 14.406, 116.062



50, 26.982, 36.485



44, 10.056, 115.914



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, 37.685, 114.006



81, 54.757, 113.444



62, 42.170, 132.630



34, 5.126, 116.341



56, 64.993, 113.067



5, 8.050, 118.683

Inverse Universe

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



43, 41.748, 300.992



50, 62.429, 302.148



47, 43.704, 316.468



32, 5.231, 297.663



17, 86.814, 307.171



1, 8.005, 296.348

Previews

White Background



This preview shows how the CIELCh color 64, 37.684, 114.004 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 64, 37.684, 114.004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

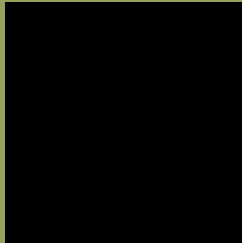
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 37.684, 114.004

Background



This preview shows how black text looks on a background with the CIELCh color 64, 37.684, 114.004.



This preview shows how white text looks on a background with the CIELCh color 64, 37.684, 114.004.

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, 37.684, 114.004

Protanopia
64, 36.105, 95.703

Deuteranopia
64, 34.406, 76.670



Tritanopia
64, 6.984, 306.443

Trichromacy



Original Color
64, 37.684, 114.004

Protanomaly
64, 35.958, 102.752

Deuteranomaly
64, 33.634, 91.402

Tritanomaly
64, 9.442, 111.564

Monochromacy



Original Color
64, 37.684, 114.004

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 13.994, 115.289

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 37.684, 114.004 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(149, 161, 92)` looks like.

```
.text, #text, p{  
    color:rgb(149, 161, 92)  
}
```

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(149, 161, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 161, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 37.684, 114.004 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(149, 161, 92) }
```

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

```
.border{ border-color:rgb(149, 161, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 161, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 161, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 161, 92);  
box-shadow:4px 4px 4px 4px rgb(149, 161,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 37.684, 114.004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 161, 92) }
```

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

```
.background{ background-color: rgb(149,  
161, 92) }
```

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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