

Converting Colors

CIELCh(64, 22.654, 112.982)

Have a look what the booklet for
CIELCh(64, 22.654, 112.982)
contains.

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Color

CIELCh(64, 22.654, 112.983)

Conversions

Conversions Part 1

Format	Color
Hex	9A9F76
RGB	154, 159, 118
RGB Percent	60%, 62%, 46%
CMY	0.3975, 0.3779, 0.5386
CMYK	0.03, 0.00, 0.26, 0.38
HSL	67°, 18%, 54%
HSV	67°, 26%, 62%
XYZ	28.8388, 32.8017, 21.8407
YIQ	152.8310, 10.1810, -13.8110

Conversions

Conversions Part 2

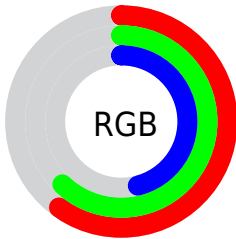
Format	Color
RYB	118, 159, 123
Decimal	10133366
CIELab	64.00, -8.85, 20.86
CIElCh	64, 22.654, 112.983
Yxy	32.8017, 0.3455, 0.3929
Android (android.graphics.Color)	4288323446 (0xFF9A9F76)
YUV	152.8310, -17.1717, 1.0252
Hunter-Lab	57.2727, -10.3464, 17.4810

Details

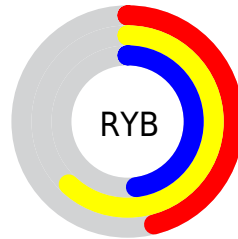
The CIELCh color **64, 22.654, 112.983** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **51, 24.016, 297.341**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 23.045, 113.005**, and **44, 23.030, 113.683** is the 20% darker color. If you saturate the color by 10%, you get **64, 31.202, 112.224**, and if you desaturate by 10%, it is **64, 13.944, 113.761**.

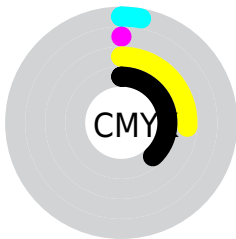
Distribution



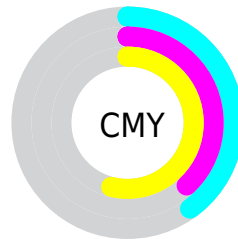
- Red (60%)
- Green (62%)
- Blue (46%)



- Red (46%)
- Yellow (62%)
- Blue (48%)



- Cyan (3%)
- Magenta (0%)
- Yellow (26%)
- Black (38%)




- Cyan (40%)
- Magenta (38%)
- Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 22.654, 112.983 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, 22.654, 112.983 by changing the saturation by 10% instead.

 64, 22.654,
112.983

 64, 22.654,
112.983

 100, 22.654,
112.983

 54, 22.654,
112.983

 84, 22.654,
112.983

 44, 22.654,
112.983

 94, 22.654,
112.983

 34, 22.654,
112.983

 24, 22.654,
112.983

 14, 22.654,
112.983

 4, 22.654, 112.983

 0, 22.654, 112.983

■ 64, 22.654,
112.983

■ 64, 22.654,
112.983

■ 64, 31.202,
112.224

■ 64, 13.944,
113.761

■ 63, 39.466,
111.499

■ 65, 5.146, 114.528

■ 63, 47.268,
110.846

■ 66, 3.687, 295.286

■ 63, 54.349,
110.314

■ 66, 12.518,
296.008

■ 62, 60.355,
109.965

■ 67, 21.322,
296.701

■ 62, 64.887,
109.868

■ 68, 30.079,
297.359

■ 62, 67.697,
110.072

■ 68, 38.775,
297.980

■ 62, 68.657,

■ 69, 47.399,
298.563

110.189

■ 70, 53.046,
299.139

Harmonies

Complementary

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



64, 22.654, 112.983



51, 24.016, 297.341

Rectangle

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



64, 22.654, 112.983



64, 22.654, 162.983



64, 22.654, 292.983



64, 22.654, 342.983

Sweetspot

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



64, 22.655, 112.986



82, 8.745, 114.352



55, 15.562, 31.044



44, 6.264, 114.242



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, 22.655, 112.986



81, 33.579, 112.545



62, 24.930, 131.899



33, 4.971, 114.269



56, 63.562, 110.126



4, 6.546, 115.907

Inverse Universe

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



51, 24.016, 297.341



62, 36.137, 298.001



53, 25.573, 314.132



31, 5.076, 295.718



16, 86.151, 306.826



0, 6.533, 294.725

Previews

White Background



This preview shows how the CIELCh color 64, 22.654, 112.983 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, 22.654, 112.983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

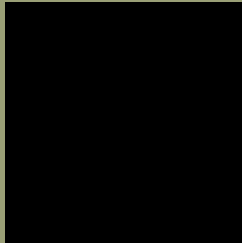
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 22.654, 112.983

Background



This preview shows how black text looks on a background with the CIELCh color 64, 22.654, 112.983.



This preview shows how white text looks on a background with the CIELCh color 64, 22.654, 112.983.

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, 22.654, 112.983

Protanopia

64, 22.053, 95.656

Deuteranopia

64, 21.558, 67.844



Tritanopia
64, 7.385, 314.946

Trichromacy



Original Color
64, 22.654, 112.983

Protanomaly
64, 21.670, 101.147

Deuteranomaly
64, 20.537, 85.110

Tritanomaly
64, 4.182, 87.723

Monochromacy



Original Color
64, 22.654, 112.983

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 7.800, 112.231

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 22.654, 112.983 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(154, 159, 118)` looks like.

```
.text, #text, p{  
    color:rgb(154, 159, 118)  
}
```

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(154, 159, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 159, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 22.654, 112.983 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(154, 159, 118) }
```

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

```
.border{ border-color:rgb(154, 159, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 159, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 159, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 159, 118); box-shadow:4px 4px 4px 4px rgb(154, 159, 118) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 22.654, 112.983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 159, 118) }
```

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

```
.background{ background-color: rgb(154,  
159, 118) }
```

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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