

Converting Colors

CIELCh(62, 24.391, 111.424)

Have a look what the booklet for
CIELCh(62, 24.391, 111.424)
contains.

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Color

CIELCh(62, 24.391, 111.424)

Conversions

Conversions Part 1

Format	Color
Hex	95996D
RGB	149, 153, 109
RGB Percent	58%, 60%, 43%
CMY	0.4146, 0.3989, 0.5715
CMYK	0.03, 0.00, 0.29, 0.40
HSL	65°, 18%, 51%
HSV	65°, 29%, 60%
XYZ	26.6598, 30.4025, 19.0077
YIQ	146.7880, 11.7400, -14.5320

Conversions

Conversions Part 2

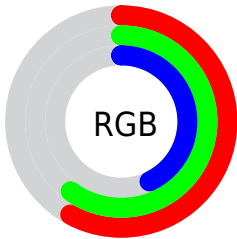
Format	Color
RYB	109, 153, 113
Decimal	9804141
CIELab	62.00, -8.91, 22.71
CIELCh	62, 24.391, 111.424
Yxy	30.4025, 0.3505, 0.3997
Android (android.graphics.Color)	4287994221 (0xFF95996D)
YUV	146.7880, -18.6295, 1.9399
Hunter-Lab	55.1385, -10.1865, 18.1582

Details

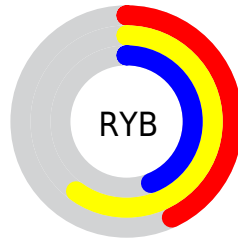
The CIELCh color **62, 24.391, 111.424** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **48, 26.068, 296.604**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 24.159, 110.823**, and **42, 24.261, 110.940** is the 20% darker color. If you saturate the color by 10%, you get **62, 32.620, 110.632**, and if you desaturate by 10%, it is **62, 15.977, 112.240**.

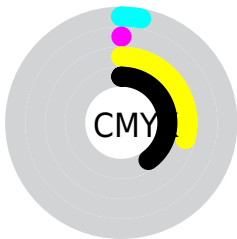
Distribution



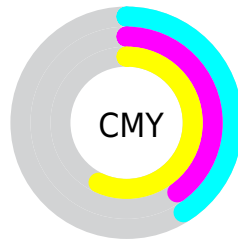
- Red (58%)
- Green (60%)
- Blue (43%)



- Red (43%)
- Yellow (60%)
- Blue (44%)



- Cyan (3%)
- Magenta (0%)
- Yellow (29%)
- Black (40%)




- Cyan (41%)
- Magenta (40%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 24.391, 111.424 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 62, 24.391, 111.424 by changing the saturation by 10% instead.


 62, 24.391,
111.424


 62, 24.391,
111.424


 100, 24.391,
111.424


 52, 24.391,
111.424


 82, 24.391,
111.424

 42, 24.391,
111.424

 92, 24.391,
111.424

 32, 24.391,
111.424

 22, 24.391,
111.424

 12, 24.391,
111.424

 2, 24.391, 111.424

 0, 24.391, 111.424

62, 24.391,
111.424

62, 24.391,
111.424

62, 32.620,
110.632

62, 15.977,
112.240

61, 40.530,
109.882

63, 7.457, 113.051

63, 1.110, 293.875

61, 47.930,
109.211

64, 9.686, 294.631

61, 54.540,
108.667

65, 18.245,
295.374

61, 59.999,
108.308

65, 26.767,
296.084

60, 63.928,
108.196

66, 35.238,
296.757

60, 66.366,
108.322

67, 43.645,
297.392

60, 66.662,

108.340

■ 67, 51.980,
297.988

Harmonies

Complementary

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



62, 24.391, 111.424



48, 26.068, 296.604

Rectangle

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



62, 24.391, 111.424



62, 24.391, 161.424



62, 24.391, 291.424



62, 24.391, 341.424

Sweetspot

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



62, 24.392, 111.427



80, 9.522, 113.014



52, 17.482, 28.270



42, 6.598, 112.906



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



62, 24.392, 111.427



78, 35.555, 110.951



60, 26.682, 130.656



32, 4.828, 113.010



55, 62.467, 108.298



3, 5.246, 114.136

Inverse Universe

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



48, 26.068, 296.604



58, 38.625, 297.362



50, 27.532, 313.173



30, 4.931, 294.539



15, 85.240, 306.667



0, 5.244, 293.691

Previews

White Background



This preview shows how the CIELCh color 62, 24.391, 111.424 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 62, 24.391, 111.424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

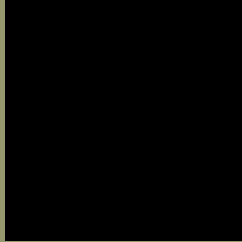
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

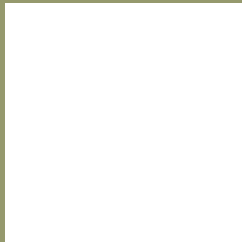
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 24.391, 111.424

Background



This preview shows how black text looks on a background with the CIELCh color 62, 24.391, 111.424.



This preview shows how white text looks on a background with the CIELCh color 62, 24.391, 111.424.

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
62, 24.391, 111.424

Protanopia
62, 23.796, 96.138

Deuteranopia
62, 23.532, 70.829



Tritanopia
62, 7.594, 317.587

Trichromacy



Original Color
62, 24.391, 111.424

Protanomaly
62, 23.967, 101.373

Deuteranomaly
62, 22.422, 85.322

Tritanomaly
62, 4.878, 85.720

Monochromacy



Original Color
62, 24.391, 111.424

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 8.963, 111.731

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 24.391, 111.424 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, 153, 109)` looks like.

```
.text, #text, p{  
    color:rgb(149, 153, 109)  
}
```

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, 153, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 153, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 24.391, 111.424 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, 153, 109) }
```

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

```
.border{ border-color:rgb(149, 153, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 153, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 153, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 153, 109);  
box-shadow:4px 4px 4px 4px rgb(149, 153,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 24.391, 111.424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 153, 109) }
```

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

```
.background{ background-color: rgb(149,  
153, 109) }
```

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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