

Converting Colors

CIELCh(50, 23.582, 141.983)

Have a look what the booklet for
CIELCh(50, 23.582, 141.983)
contains.

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Color

CIELCh(50, 23.309, 142.038)

Conversions

Conversions Part 1

Format	Color
Hex	5F7F5E
RGB	95, 127, 94
RGB Percent	37%, 50%, 37%
CMY	0.6275, 0.5020, 0.6314
CMYK	0.25, 0.00, 0.26, 0.50
HSL	118°, 15%, 43%
HSV	118°, 26%, 50%
XYZ	14.3281, 18.4187, 13.3890
YIQ	113.6700, -8.4790, -17.0470

Conversions

Conversions Part 2

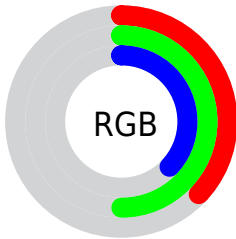
Format	Color
R_{YB}	94, 127, 126
Decimal	6258526
CIE _{Lab}	50.00, -18.38, 14.34
CIE _{LCh}	50, 23.309, 142.038
Yxy	18.4187, 0.3106, 0.3992
Android (android.graphics.Color)	4284448606 (0xFF5F7F5E)
YUV	113.6700, -9.6973, -16.3736
Hunter-Lab	42.9170, -15.5111, 11.5449

Details

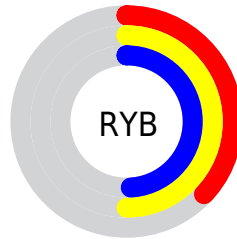
The CIELCh color **50, 23.309, 142.038** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **44, 23.351, 324.937**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **70, 23.193, 142.508**, and **30, 23.229, 141.913** is the 20% darker color. If you saturate the color by 10%, you get **49, 32.187, 141.240**, and if you desaturate by 10%, it is **51, 14.312, 142.736**.

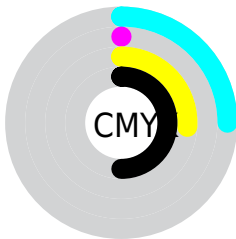
Distribution



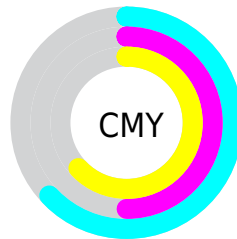
- Red (37%)
- Green (50%)
- Blue (37%)



- Red (37%)
- Yellow (50%)
- Blue (49%)



- Cyan (25%)
- Magenta (0%)
- Yellow (26%)
- Black (50%)





- Cyan (63%)
- Magenta (50%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 23.309, 142.038 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 50, 23.309, 142.038 by changing the saturation by 10% instead.


 50, 23.309,
142.038


 50, 23.309,
142.038


 100, 23.309,
142.038


 40, 23.309,
142.038


 70, 23.309,
142.038

 30, 23.309,
142.038


 80, 23.309,
142.038


 20, 23.309,
142.038

 90, 23.309,
142.038

 10, 23.309,
142.038

 0, 23.309, 142.038

 50, 23.309,
142.038

 50, 23.309,
142.038

■ 49, 32.187,
141.240

■ 51, 14.312,
142.736

■ 48, 40.770,
140.343

■ 52, 5.326, 143.353

■ 47, 48.838,
139.365

■ 54, 3.553, 323.778

■ 47, 56.118,
138.356

■ 55, 12.256,
324.248

■ 46, 62.288,
137.402

■ 57, 20.739,
324.623

■ 46, 67.007,
136.622

■ 59, 28.975,
324.940

■ 46, 70.130,
136.072

■ 60, 36.954,
325.209

■ 46, 71.253,
135.820

■ 62, 44.671,
325.440

■ 64, 52.130,
325.637

Harmonies

Complementary

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



50, 23.309, 142.038



44, 23.351, 324.937

Rectangle

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



50, 23.309, 142.038



50, 23.309, 192.038



50, 23.309, 322.038



50, 23.309, 12.038

Sweetspot

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



50, 23.310, 142.038



67, 8.866, 143.220



52, 18.314, 106.335



35, 6.356, 143.141



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



50, 23.310, 142.038



63, 34.539, 141.592



50, 16.688, 159.704



26, 5.043, 143.166



46, 71.456, 135.821



0, 0.000, 0.000

Inverse Universe

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



44, 23.351, 324.937



55, 34.590, 325.220



44, 17.131, 344.061



25, 5.054, 324.072



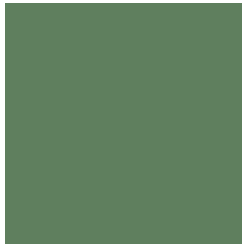
29, 69.224, 327.077



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 50, 23.309, 142.038 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 50, 23.309, 142.038 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 × Fail

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

CIELCh 50, 23.309, 142.038

Background



This preview shows how black text looks on a background with the CIELCh color 50, 23.309, 142.038.



This preview shows how white text looks on a background with the CIELCh color 50, 23.309, 142.038.

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

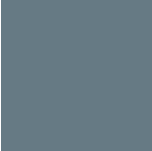
50, 23.309, 142.038

Protanopia

50, 16.755, 94.298

Deuteranopia

50, 14.579, 62.624



Tritanopia
50, 9.299, 237.987

Trichromacy



Original Color
50, 23.309, 142.038

Protanomaly
50, 17.567, 116.373

Deuteranomaly
50, 13.427, 102.866

Tritanomaly
50, 10.373, 178.476

Monochromacy



Original Color
50, 23.309, 142.038

Achromatopsia
48, 0.006, 296.813

Achromatomaly
49, 8.618, 143.895

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 23.309, 142.038 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(95, 127, 94)` looks like.

```
.text, #text, p{  
    color:rgb(95, 127, 94)  
}
```

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(95, 127, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 127, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 23.309, 142.038 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(95, 127, 94) }
```

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

```
.border{ border-color:rgb(95, 127, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 127, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 127, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 127, 94);  
box-shadow:4px 4px 4px 4px rgb(95, 127,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 23.309, 142.038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 127, 94) }
```

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

```
.background{ background-color: rgb(95, 127,  
94) }
```

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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