

Converting Colors

CIELCh(50, 25.963, 120.565)

Have a look what the booklet for
CIELCh(50, 25.963, 120.565)
contains.

CIELCh(50, 25.963, 120.565)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(50, 25.963, 120.565)

Conversions

Conversions Part 1

Format	Color
Hex	6E7C50
RGB	110, 124, 80
RGB Percent	43%, 49%, 31%
CMY	0.5673, 0.5124, 0.6850
CMYK	0.11, 0.00, 0.35, 0.51
HSL	79°, 22%, 40%
HSV	79°, 35%, 49%
XYZ	15.1804, 18.4187, 10.4051
YIQ	114.7980, 5.7800, -16.6520

Conversions

Conversions Part 2

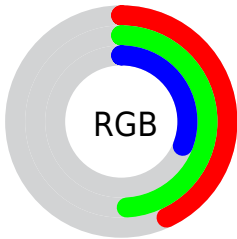
Format	Color
R_{YB}	80, 124, 94
Decimal	7240784
CIE Lab	50.00, -13.20, 22.36
CIE LCh	50, 25.963, 120.565
Yxy	18.4187, 0.3450, 0.4186
Android (android.graphics.Color)	4285430864 (0xFF6E7C50)
YUV	114.7980, -17.1554, -4.2078
Hunter-Lab	42.9170, -11.9665, 15.6672

Details

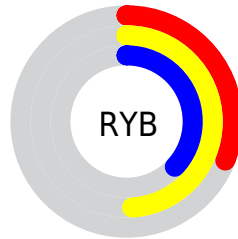
The CIELCh color **50, 25.963, 120.565** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **37, 27.781, 304.762**, and the grayscale version is **49, 0.006, 296.813**.

A 20% lighter version of the original color is **70, 26.109, 121.043**, and **30, 26.113, 120.742** is the 20% darker color. If you saturate the color by 10%, you get **49, 33.004, 120.055**, and if you desaturate by 10%, it is **51, 18.728, 121.111**.

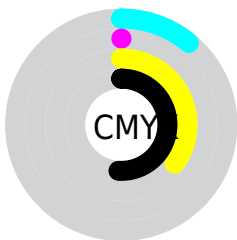
Distribution



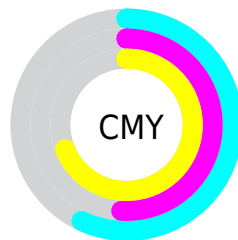
- Red (43%)
- Green (49%)
- Blue (31%)



- Red (31%)
- Yellow (49%)
- Blue (37%)



- Cyan (11%)
- Magenta (0%)
- Yellow (35%)
- Black (51%)





- Cyan (57%)
- Magenta (51%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 25.963, 120.565 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, 25.963, 120.565 by changing the saturation by 10% instead.


 50, 25.963,
120.565


 50, 25.963,
120.565


 100, 25.963,
120.565


 40, 25.963,
120.565


 70, 25.963,
120.565

 30, 25.963,
120.565


 80, 25.963,
120.565


 20, 25.963,
120.565

 90, 25.963,
120.565

 10, 25.963,
120.565

 0, 25.963, 120.565

 50, 25.963,
120.565

 50, 25.963,
120.565

■ 49, 33.004,
120.055

■ 51, 18.728,
121.111

■ 49, 39.719,
119.615

■ 51, 11.384,
121.662

■ 49, 45.920,
119.305

■ 52, 3.993, 122.208

■ 52, 3.403, 302.705

■ 48, 51.352,
119.204

■ 53, 10.772,
303.203

■ 48, 55.712,
119.413

■ 54, 18.093,
303.665

■ 48, 58.837,
119.985

■ 55, 25.350,
304.094

■ 48, 60.185,
120.243

■ 56, 32.529,
304.491

■ 57, 39.623,
304.857

Harmonies

Complementary

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



50, 25.963, 120.565



37, 27.781, 304.762

Rectangle

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



50, 25.963, 120.565



50, 25.963, 170.565



50, 25.963, 300.565



50, 25.963, 350.565

Sweetspot

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



50, 25.964, 120.567



65, 10.027, 121.889



43, 16.275, 51.395



34, 6.789, 121.830



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



50, 25.964, 120.567



63, 37.745, 120.174



48, 29.669, 137.435



25, 4.109, 122.009



48, 60.402, 120.251



91, 102.202, 121.031

Inverse Universe

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



37, 27.781, 304.762



44, 41.092, 305.364



40, 30.072, 320.819



24, 4.180, 302.973



15, 76.006, 308.890



36, 128.761, 308.392

Previews

White Background



This preview shows how the CIELCh color 50, 25.963, 120.565 looks on a white 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

Black Background



This preview shows how the CIE LCh color 50, 25.963, 120.565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

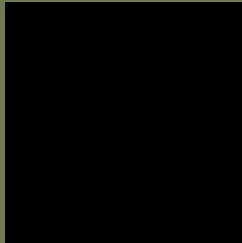
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 25.963, 120.565

Background



This preview shows how black text looks on a background with the CIELCh color 50, 25.963, 120.565.



This preview shows how white text looks on a background with the CIELCh color 50, 25.963, 120.565.

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, 25.963, 120.565

Protanopia

50, 24.092, 96.172

Deuteranopia

50, 22.320, 72.949



Tritanopia
50, 5.864, 287.151

Trichromacy



Original Color
50, 25.963, 120.565

Protanomaly
50, 24.138, 105.916

Deuteranomaly
50, 21.565, 92.866

Tritanomaly
50, 5.651, 130.699

Monochromacy



Original Color
50, 25.963, 120.565

Achromatopsia
48, 0.006, 296.813

Achromatomaly
49, 9.591, 121.550

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 25.963, 120.565 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(110, 124, 80)` looks like.

```
.text, #text, p{  
    color:rgb(110, 124, 80)  
}
```

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(110, 124, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 124, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 25.963, 120.565 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(110, 124, 80) }
```

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

```
.border{ border-color:rgb(110, 124, 80) }
```

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

Here you see how a box with a 4 pixel rgb(110, 124, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 124, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 124, 80);  
box-shadow:4px 4px 4px 4px rgb(110, 124,  
80) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 25.963, 120.565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 124, 80) }
```

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

```
.background{ background-color: rgb(110,  
124, 80) }
```

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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