

Converting Colors

CIELCh(51, 25.477, 138.229)

Have a look what the booklet for
CIELCh(51, 25.477, 138.229)
contains.

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Color

CIELCh(51, 25.650, 138.510)

Conversions

Conversions Part 1	
Format	Color
Hex	62825C
RGB	98, 130, 92
RGB Percent	38%, 51%, 36%
CMY	0.6164, 0.4910, 0.6399
CMYK	0.25, 0.00, 0.29, 0.49
HSL	111°, 17%, 43%
HSV	111°, 29%, 51%
XYZ	14.8967, 19.2686, 13.0167
YIQ	116.1000, -6.8740, -18.6020

Conversions

Conversions Part 2

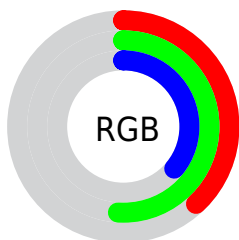
Format	Color
RYB	92, 130, 124
Decimal	6455900
CIELab	51.00, -19.21, 16.99
CIELCh	51, 25.650, 138.510
Yxy	19.2686, 0.3157, 0.4084
Android (android.graphics.Color)	4284645980 (0xFF62825C)
YUV	116.1000, -11.8813, -15.8737
Hunter-Lab	43.8960, -16.2419, 13.1457

Details

The CIELCh color **51, 25.650, 138.510** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **44, 25.902, 321.343**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 25.888, 138.531**, and **31, 25.203, 138.809** is the 20% darker color. If you saturate the color by 10%, you get **50, 34.292, 137.846**, and if you desaturate by 10%, it is **52, 16.875, 139.111**.

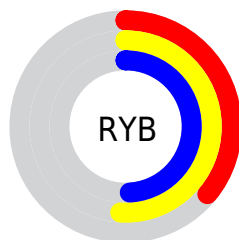
Distribution



Red (38%)

Green (51%)

Blue (36%)



Red (36%)

Yellow (51%)

Blue (49%)

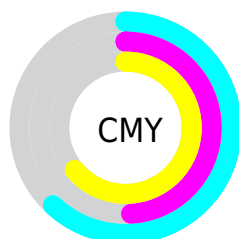


Cyan (25%)

Magenta (0%)

Yellow (29%)

Black (49%)



Cyan (62%)


Magenta (49%)


Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 25.650, 138.510 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 51, 25.650, 138.510 by changing the saturation by 10% instead.


 51, 25.650,
138.510


 51, 25.650,
138.510


 100, 25.650,
138.510


 41, 25.650,
138.510


 71, 25.650,
138.510

 31, 25.650,
138.510

 81, 25.650,
138.510


 21, 25.650,
138.510


 91, 25.650,
138.510


 11, 25.650,
138.510


 1, 25.650, 138.510


 0, 25.650, 138.510

 51, 25.650,
138.510

 51, 25.650,
138.510

 50, 34.292,
137.846

 52, 16.875,
139.111

 49, 42.638,
137.135


 53, 8.082, 139.649

 49, 50.480,
136.411


 54, 0.642, 319.840


 56, 9.233, 320.469


 48, 57.547,
135.742

 57, 17.650,
320.819


 48, 63.508,
135.227

 59, 25.865,
321.114

 47, 68.019,
134.982


 60, 33.862,
321.365

 47, 71.227,
134.878

 62, 41.635,
321.579

 47, 71.451,

134.854

 64, 49.183,
321.761

Harmonies

Complementary

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



51, 25.650, 138.510



44, 25.902, 321.343

Rectangle

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



51, 25.650, 138.510



51, 25.650, 188.510



51, 25.650, 318.510



51, 25.650, 8.510

Sweetspot

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



51, 25.651, 138.511



68, 9.704, 139.653



52, 18.442, 99.150



35, 6.717, 139.589



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



51, 25.651, 138.511



64, 37.861, 138.083



51, 21.193, 153.365



26, 4.843, 139.659



46, 70.518, 134.839



0, 0.000, 0.000

Inverse Universe

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



44, 25.902, 321.343



53, 38.291, 321.621



44, 21.473, 337.773



25, 4.864, 320.437



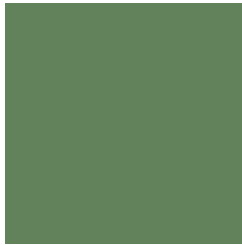
26, 70.001, 322.389



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 51, 25.650, 138.510 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 51, 25.650, 138.510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

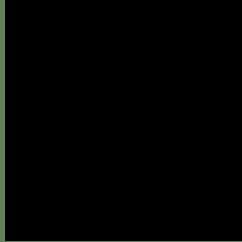
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 25.650, 138.510

Background



This preview shows how black text looks on a background with the CIELCh color 51, 25.650, 138.510.



This preview shows how white text looks on a background with the CIELCh color 51, 25.650, 138.510.

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

51, 25.650, 138.510

Protanopia

51, 19.480, 95.848

Deuteranopia

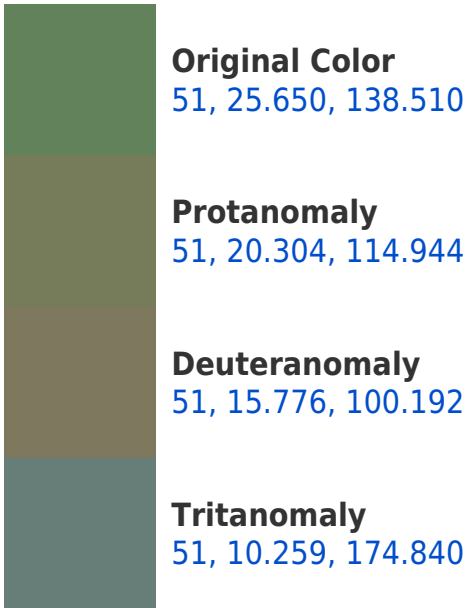
51, 16.921, 65.788



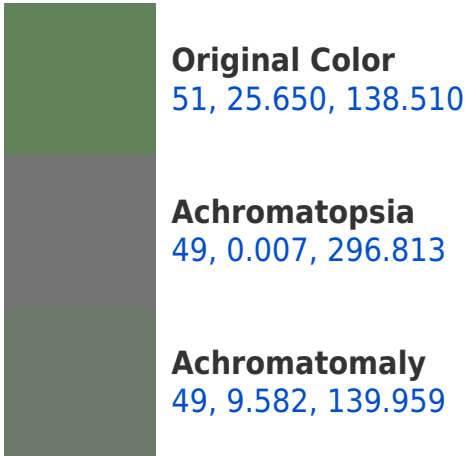
Tritanopia

51, 9.010, 239.380

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 25.650, 138.510 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(98, 130, 92)` looks like.

```
.text, #text, p{  
    color:rgb(98, 130, 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(98, 130, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 130, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 25.650, 138.510 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(98, 130, 92) }
```

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

```
.border{ border-color:rgb(98, 130, 92) }
```

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

Here you see how a box with a 4 pixel rgb(98, 130, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 130, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 130, 92);  
box-shadow:4px 4px 4px 4px rgb(98, 130,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 25.650, 138.510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 130, 92) }
```

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

```
.background{ background-color: rgb(98, 130,  
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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