

Converting Colors

CIELCh(51, 13.595, 338.261)

Have a look what the booklet for
CIELCh(51, 13.595, 338.261)
contains.

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Color

CIELCh(51, 13.656, 338.097)

Conversions

Conversions Part 1

Format	Color
Hex	8B7282
RGB	139, 114, 130
RGB Percent	55%, 45%, 51%
CMY	0.4533, 0.5514, 0.4886
CMYK	0.00, 0.18, 0.06, 0.45
HSL	322°, 10%, 50%
HSV	322°, 18%, 55%
XYZ	20.8321, 19.2686, 23.8801
YIQ	123.2990, 9.7640, 10.2760

Conversions

Conversions Part 2

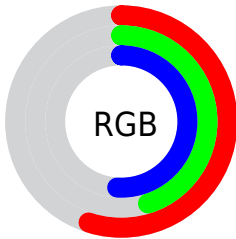
Format	Color
R_{YB}	139, 114, 130
Decimal	9138818
CIE Lab	51.00, 12.67, -5.09
CIE LCh	51, 13.656, 338.097
Yxy	19.2686, 0.3256, 0.3012
Android (android.graphics.Color)	4287328898 (0xFF8B7282)
YUV	123.2990, 3.3036, 13.7698
Hunter-Lab	43.8960, 7.8940, -1.5274

Details

The CIELCh color $51, 13.656, 338.097$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $56, 13.511, 155.489$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 13.750, 338.288$, and $31, 13.752, 338.065$ is the 20% darker color. If you saturate the color by 10%, you get $47, 21.342, 338.907$, and if you desaturate by 10%, it is $55, 5.999, 337.331$.

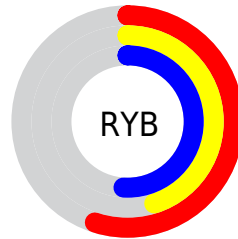
Distribution



Red (55%)

Green (45%)

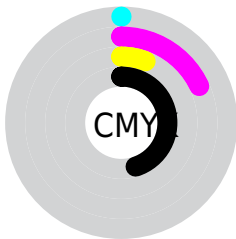
Blue (51%)



Red (55%)

Yellow (45%)

Blue (51%)

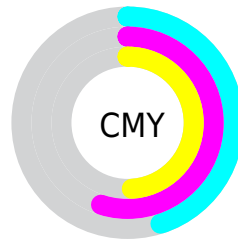


Cyan (0%)

Magenta (18%)

Yellow (6%)

Black (45%)



Cyan (45%)


Magenta (55%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 13.656, 338.097 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, 13.656, 338.097 by changing the saturation by 10% instead.


 51, 13.656,
338.097


 51, 13.656,
338.097


 100, 13.656,
338.097


 41, 13.656,
338.097


 71, 13.656,
338.097

 31, 13.656,
338.097

 81, 13.656,
338.097

 21, 13.656,
338.097

 91, 13.656,
338.097

 11, 13.656,
338.097

 1, 13.656, 338.097

 0, 13.656, 338.097

51, 13.656,
338.097

51, 13.656,
338.097

47, 21.342,
338.907

55, 5.999, 337.331

44, 28.914,
339.782

59, 1.530, 156.865

63, 8.878, 156.071

40, 36.156,
340.746

67, 16.015,
155.452

37, 42.783,
341.830

71, 22.932,
154.879

35, 48.447,
343.076

75, 29.628,
154.343

33, 52.793,
344.549

79, 36.112,
153.841


31, 55.542,
346.332

83, 42.395,
153.370

30, 56.857,

348.455

 87, 48.489,
152.927

 30, 57.110,
348.897

Harmonies

Complementary

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



51, 13.656, 338.097



56, 13.511, 155.489

Rectangle

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



51, 13.656, 338.097



51, 13.656, 28.097



51, 13.656, 158.097



51, 13.656, 208.097

Sweetspot

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



51, 13.654, 338.099



71, 4.664, 337.105



50, 15.101, 304.661



37, 3.209, 337.156



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



51, 13.654, 338.099



63, 20.771, 338.457



51, 10.557, 8.774



27, 4.224, 337.423



28, 55.125, 348.765



0, 1.945, 336.819

Inverse Universe

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



51, 13.654, 338.099



63, 20.771, 338.457



56, 9.742, 185.697



27, 4.224, 337.423



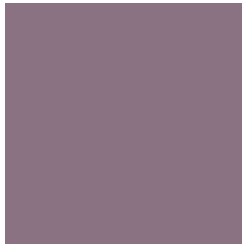
28, 55.125, 348.765



0, 1.945, 336.819

Previews

White Background



This preview shows how the CIELCh color 51, 13.656, 338.097 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, 13.656, 338.097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

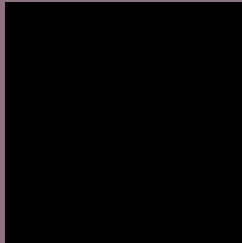
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 13.656, 338.097

Background



This preview shows how black text looks on a background with the CIELCh color 51, 13.656, 338.097.



This preview shows how white text looks on a background with the CIELCh color 51, 13.656, 338.097.

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, 13.656, 338.097

Protanopia

51, 7.582, 288.254

Deuteranopia

51, 8.491, 324.906



Tritanopia
51, 11.059, 352.562

Trichromacy



Original Color
51, 13.656, 338.097

Protanomaly
51, 8.781, 311.944

Deuteranomaly
51, 9.917, 330.788

Tritanomaly
51, 11.612, 347.441

Monochromacy



Original Color
51, 13.656, 338.097

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 4.648, 341.235

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 13.656, 338.097 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(139, 114, 130)` looks like.

```
.text, #text, p{  
    color:rgb(139, 114, 130)  
}
```

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(139, 114, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 114, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 13.656, 338.097 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(139, 114, 130) }
```

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

```
.border{ border-color:rgb(139, 114, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 114, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 114, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 114, 130);  
box-shadow:4px 4px 4px 4px rgb(139, 114,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 13.656, 338.097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 114, 130) }
```

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

```
.background{ background-color: rgb(139,  
114, 130) }
```

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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