

Converting Colors

CIELCh(51, 8.279, 329.406)

Have a look what the booklet for
CIELCh(51, 8.279, 329.406) contains.

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Color

CIELCh(51, 8.263, 329.514)

Conversions

Conversions Part 1

Format	Color
Hex	837681
RGB	131, 118, 129
RGB Percent	51%, 46%, 51%
CMY	0.4874, 0.5384, 0.4953
CMYK	0.00, 0.10, 0.02, 0.49
HSL	309°, 5%, 49%
HSV	309°, 10%, 51%
XYZ	19.7026, 19.2686, 23.3482
YIQ	123.1410, 4.2170, 6.1770

Conversions

Conversions Part 2

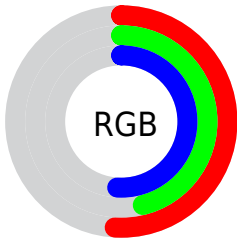
Format	Color
R_{YB}	131, 118, 129
Decimal	8615553
CIE Lab	51.00, 7.12, -4.19
CIE LCh	51, 8.263, 329.514
Yxy	19.2686, 0.3162, 0.3092
Android (android.graphics.Color)	4286805633 (0xFF837681)
YUV	123.1410, 2.8885, 6.8923
Hunter-Lab	43.8960, 3.3012, -0.8090

Details

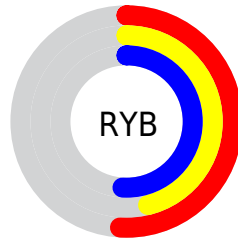
The CIELCh color $51, 8.263, 329.514$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 8.240, 148.390$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 8.415, 329.025$, and $31, 8.227, 330.182$ is the 20% darker color. If you saturate the color by 10%, you get $47, 16.647, 330.119$, and if you desaturate by 10%, it is $55, 0.044, 153.911$.

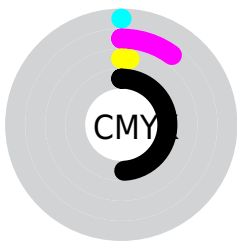
Distribution



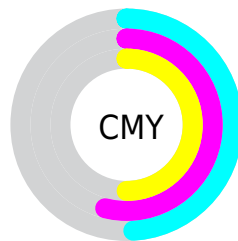
- Red (51%)
- Green (46%)
- Blue (51%)



- Red (51%)
- Yellow (46%)
- Blue (51%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (49%)



- Cyan (49%)
- Magenta (54%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 8.263, 329.514 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, 8.263, 329.514 by changing the saturation by 10% instead.

■ 51, 8.263, 329.514

■ 51, 8.263, 329.514

■ 100, 8.263,
329.514

■ 41, 8.263, 329.514

■ 71, 8.263, 329.514

■ 31, 8.263, 329.514

■ 81, 8.263, 329.514

■ 21, 8.263, 329.514

■ 91, 8.263, 329.514

■ 11, 8.263, 329.514

■ 1, 8.263, 329.514

■ 0, 8.263, 329.514

■ 51, 8.263, 329.514

■ 51, 8.263, 329.514

■ 47, 16.647,
330.119

■ 55, 0.044, 153.911

■ 58, 8.193, 148.439

44, 24.995,
330.728

62, 16.142,
147.895

41, 33.133,
331.343

66, 23.868,
147.383

38, 40.824,
331.962

70, 31.365,
146.899

35, 47.771,
332.585

74, 38.633,
146.441

33, 53.637,
333.214

78, 45.680,
146.009

31, 58.099,
333.856

81, 52.516,
145.601

30, 60.933,
334.530

85, 59.155,
145.218

29, 62.607,
335.232

Harmonies

Complementary

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



51, 8.263, 329.514



53, 8.240, 148.390

Rectangle

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



51, 8.263, 329.514



51, 8.263, 19.514



51, 8.263, 149.514



51, 8.263, 199.514

Sweetspot

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



51, 8.261, 329.515



69, 3.092, 329.059



50, 7.659, 296.809



36, 2.363, 329.118



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



51, 8.261, 329.515



64, 12.431, 329.657



51, 5.901, 353.429



26, 4.740, 329.466



29, 62.392, 335.232



0, 1.129, 328.966

Inverse Universe

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



51, 8.261, 329.515



64, 12.431, 329.657



53, 5.766, 171.774



26, 4.740, 329.466



29, 62.392, 335.232



0, 1.129, 328.966

Previews

White Background



This preview shows how the CIELCh color 51, 8.263, 329.514 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, 8.263, 329.514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

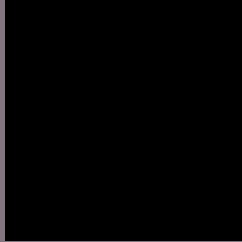
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 8.263, 329.514

Background



This preview shows how black text looks on a background with the CIELCh color 51, 8.263, 329.514.



This preview shows how white text looks on a background with the CIELCh color 51, 8.263, 329.514.

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, 8.263, 329.514

Protanopia

51, 5.832, 290.929

Deuteranopia

51, 8.020, 327.254



Tritanopia
51, 7.131, 332.883

Trichromacy



Original Color

51, 8.263, 329.514

Protanomaly

51, 6.180, 309.382

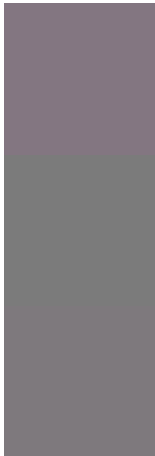
Deuteranomaly

51, 8.020, 327.254

Tritanomaly

51, 7.566, 329.899

Monochromacy



Original Color

51, 8.263, 329.514

Achromatopsia

52, 0.007, 296.813

Achromatomaly

51, 3.086, 330.692

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 8.263, 329.514 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(131, 118, 129)` looks like.

```
.text, #text, p{  
    color:rgb(131, 118, 129)  
}
```

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(131, 118, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 118, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 8.263, 329.514 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(131, 118, 129) }
```

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

```
.border{ border-color:rgb(131, 118, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 118, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 118, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 118, 129);  
box-shadow:4px 4px 4px 4px rgb(131, 118,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 8.263, 329.514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 118, 129) }
```

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

```
.background{ background-color: rgb(131,  
118, 129) }
```

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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