

Converting Colors

CIELCh(51, 24.523, 354.758)

Have a look what the booklet for
CIELCh(51, 24.523, 354.758)
contains.

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Color

CIELCh(51, 24.659, 354.867)

Conversions

Conversions Part 1

Format	Color
Hex	A06A7E
RGB	160, 106, 126
RGB Percent	63%, 42%, 49%
CMY	0.3728, 0.5845, 0.5061
CMYK	0.00, 0.34, 0.21, 0.37
HSL	338°, 22%, 52%
HSV	338°, 34%, 63%
XYZ	23.3954, 19.2686, 22.2054
YIQ	124.4260, 25.7640, 17.6680

Conversions

Conversions Part 2

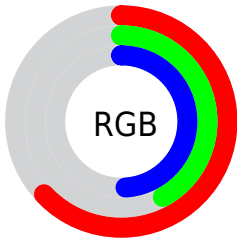
Format	Color
R_{YB}	160, 106, 126
Decimal	10513022
CIE _{Lab}	51.00, 24.56, -2.21
CIE _{LCh}	51, 24.659, 354.867
Yxy	19.2686, 0.3607, 0.2970
Android (android.graphics.Color)	4288703102 (0xFFA06A7E)
YUV	124.4260, 0.7760, 31.1984
Hunter-Lab	43.8960, 18.3177, 0.7346

Details

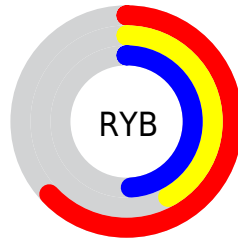
The CIELCh color $51, 24.659, 354.867$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $62, 22.891, 167.968$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 24.806, 354.599$, and $31, 24.317, 355.209$ is the 20% darker color. If you saturate the color by 10%, you get $47, 32.075, 356.350$, and if you desaturate by 10%, it is $55, 17.180, 353.611$.

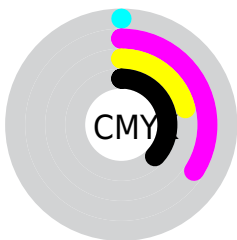
Distribution



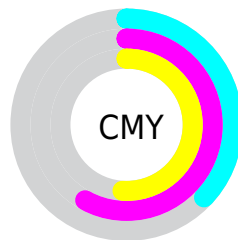
- Red (63%)
- Green (42%)
- Blue (49%)



- Red (63%)
- Yellow (42%)
- Blue (49%)



- Cyan (0%)
- Magenta (34%)
- Yellow (21%)
- Black (37%)





- Cyan (37%)
- Magenta (58%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 24.659, 354.867 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, 24.659, 354.867 by changing the saturation by 10% instead.


 51, 24.659,
354.867


 51, 24.659,
354.867


 100, 24.659,
354.867


 41, 24.659,
354.867


 71, 24.659,
354.867

 31, 24.659,
354.867

 81, 24.659,
354.867

 21, 24.659,
354.867

 91, 24.659,
354.867

 11, 24.659,
354.867

 1, 24.659, 354.867

 0, 24.659, 354.867

51, 24.659,
354.867

51, 24.659,
354.867

47, 32.075,
356.350

55, 17.180,
353.611

43, 39.193,
358.134

60, 9.807, 352.514

40, 45.699, 0.333

64, 2.636, 351.459

37, 51.241, 3.092

69, 4.283, 170.850

35, 55.537, 6.578

73, 10.928,
170.036

34, 58.516, 10.939

78, 17.300,
169.334

34, 60.130, 13.877

83, 23.408,
168.699

87, 29.268,
168.117

■ 92, 34.900,
167.582

Harmonies

Complementary

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



51, 24.659, 354.867



62, 22.891, 167.968

Rectangle

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



51, 24.659, 354.867



51, 24.659, 44.867



51, 24.659, 174.867



51, 24.659, 224.867

Sweetspot

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



51, 24.657, 354.869



78, 8.816, 352.149



50, 33.849, 314.490



40, 6.016, 352.283



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



51, 24.657, 354.869



62, 37.380, 356.038



52, 21.138, 31.514



31, 3.964, 352.051



30, 55.262, 13.302



1, 5.050, 352.504

Inverse Universe

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



51, 24.657, 354.869



62, 37.380, 356.038



60, 16.646, 210.429



31, 3.964, 352.051



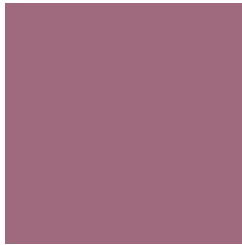
30, 55.262, 13.302



1, 5.050, 352.504

Previews

White Background



This preview shows how the CIELCh color 51, 24.659, 354.867 looks on a white background.

Color Contrast Check

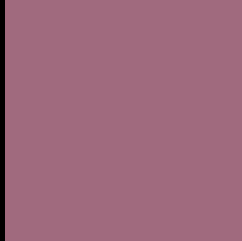
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 51, 24.659, 354.867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

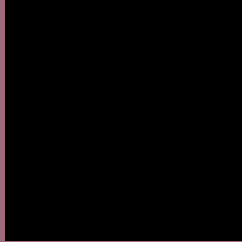
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 24.659, 354.867

Background



This preview shows how black text looks on a background with the CIELCh color 51, 24.659, 354.867.



This preview shows how white text looks on a background with the CIELCh color 51, 24.659, 354.867.

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, 24.659, 354.867

Protanopia

51, 8.164, 288.542

Deuteranopia

51, 7.005, 350.364



Tritanopia
51, 21.834, 10.076

Trichromacy



Original Color
51, 24.659, 354.867

Protanomaly
51, 12.005, 329.903

Deuteranomaly
51, 13.382, 352.613

Tritanomaly
51, 22.706, 3.177

Monochromacy



Original Color
51, 24.659, 354.867

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 9.336, 350.697

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 24.659, 354.867 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(160, 106, 126)` looks like.

```
.text, #text, p{  
    color:rgb(160, 106, 126)  
}
```

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(160, 106, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 106, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 24.659, 354.867 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(160, 106, 126) }
```

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

```
.border{ border-color:rgb(160, 106, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 106, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 106, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 106, 126);  
box-shadow:4px 4px 4px 4px rgb(160, 106,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 24.659, 354.867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 106, 126) }
```

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

```
.background{ background-color: rgb(160,  
106, 126) }
```

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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