

Converting Colors

CIELCh(51, 25.477, 8.229)

Have a look what the booklet for
CIELCh(51, 25.477, 8.229) contains.

CIELCh(51, 25.423, 8.437)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(51, 25.423, 8.437)

Conversions

Conversions Part 1

Format	Color
Hex	A46974
RGB	164, 105, 116
RGB Percent	64%, 41%, 45%
CMY	0.3567, 0.5881, 0.5450
CMYK	0.00, 0.36, 0.29, 0.36
HSL	349°, 24%, 53%
HSV	349°, 36%, 64%
XYZ	23.5273, 19.2686, 19.0128
YIQ	123.8950, 31.6330, 15.9290

Conversions

Conversions Part 2

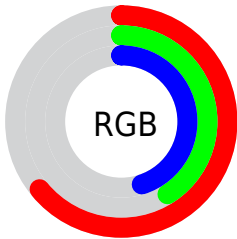
Format	Color
R_{YB}	164, 105, 116
Decimal	10774900
CIE _{Lab}	51.00, 25.15, 3.73
CIE _{LCh}	51, 25.423, 8.437
Yxy	19.2686, 0.3806, 0.3117
Android (android.graphics.Color)	4288964980 (0xFFA46974)
YUV	123.8950, -3.8922, 35.1721
Hunter-Lab	43.8960, 18.8541, 5.0468

Details

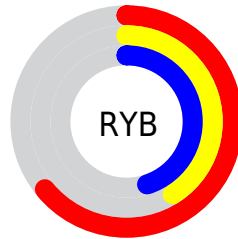
The CIELCh color **51, 25.423, 8.437** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **63, 21.755, 181.012**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 25.292, 8.328**, and **31, 24.992, 8.693** is the 20% darker color. If you saturate the color by 10%, you get **47, 33.011, 10.216**, and if you desaturate by 10%, it is **55, 17.967, 6.994**.

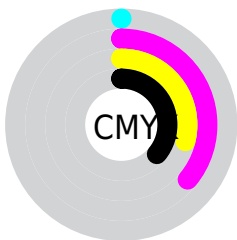
Distribution



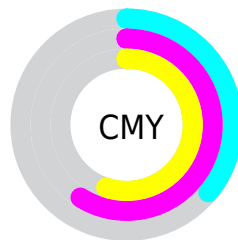
- Red (64%)
- Green (41%)
- Blue (45%)



- Red (64%)
- Yellow (41%)
- Blue (45%)



- Cyan (0%)
- Magenta (36%)
- Yellow (29%)
- Black (36%)



- Cyan (36%)
- Magenta (59%)
- Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 25.423, 8.437 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, 25.423, 8.437 by changing the saturation by 10% instead.

 51, 25.423, 8.437  51, 25.423, 8.437

 100, 25.423, 8.437  41, 25.423, 8.437

 71, 25.423, 8.437  31, 25.423, 8.437

 81, 25.423, 8.437  21, 25.423, 8.437

 91, 25.423, 8.437  11, 25.423, 8.437

 1, 25.423, 8.437

 0, 25.423, 8.437

 51, 25.423, 8.437  51, 25.423, 8.437

 47, 33.011, 10.216  55, 17.967, 6.994

 43, 40.535, 12.432  60, 10.778, 5.787

■ 40, 47.727, 15.228

■ 65, 3.923, 4.712

■ 37, 54.311, 18.744

■ 69, 2.573, 184.139

■ 35, 60.096, 23.059

■ 74, 8.711, 183.272

■ 34, 65.084, 28.032

■ 79, 14.510,
182.596

■ 34, 67.085, 29.932

■ 84, 19.994,
182.005

■ 89, 25.194,
181.477

■ 93, 30.137,
181.001

Harmonies

Complementary

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



51, 25.423, 8.437



63, 21.755, 181.012

Rectangle

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



51, 25.423, 8.437



51, 25.423, 58.437



51, 25.423, 188.437



51, 25.423, 238.437

Sweetspot

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



51, 25.421, 8.440



79, 9.111, 5.271



51, 38.177, 320.366



41, 6.132, 5.406



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



51, 25.421, 8.440



62, 38.260, 9.799



55, 20.941, 49.539



32, 3.736, 5.066



30, 61.066, 29.328



1, 5.643, 5.653

Inverse Universe

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



51, 25.421, 8.440



62, 38.260, 9.799



58, 16.833, 235.315



32, 3.736, 5.066



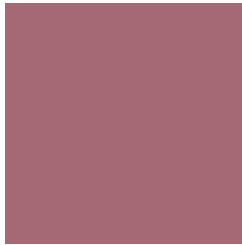
30, 61.066, 29.328



1, 5.643, 5.653

Previews

White Background



This preview shows how the CIELCh color 51, 25.423, 8.437 looks on a white background.

Color Contrast Check

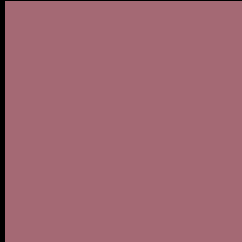
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.423, 8.437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

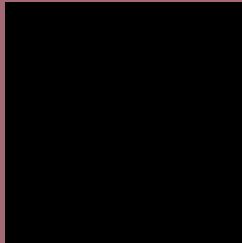
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 25.423, 8.437

Background



This preview shows how black text looks on a background with the CIELCh color 51, 25.423, 8.437.



This preview shows how white text looks on a background with the CIELCh color 51, 25.423, 8.437.

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, 25.423, 8.437

Protanopia

51, 2.477, 309.168

Deuteranopia

51, 8.281, 36.398



Tritanopia
51, 25.307, 12.308

Trichromacy



Original Color
51, 25.423, 8.437

Protanomaly
51, 10.228, 357.229

Deuteranomaly
51, 14.309, 16.486

Tritanomaly
51, 25.331, 11.014

Monochromacy



Original Color
51, 25.423, 8.437

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 9.310, 6.094

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 25.423, 8.437 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(164, 105, 116)` looks like.

```
.text, #text, p{  
    color:rgb(164, 105, 116)  
}
```

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(164, 105, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 105, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 25.423, 8.437 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(164, 105, 116) }
```

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

```
.border{ border-color:rgb(164, 105, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 105, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 105, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 105, 116);  
box-shadow:4px 4px 4px 4px rgb(164, 105,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 25.423, 8.437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 105, 116) }
```

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

```
.background{ background-color: rgb(164,  
105, 116) }
```

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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