

Converting Colors

CIELCh(42, 25.666, 6.047)

Have a look what the booklet for
CIELCh(42, 25.666, 6.047) contains.

CIELCh(42, 25.624, 6.002)	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(42, 25.624, 6.002)

Conversions

Conversions Part 1

Format	Color
Hex	8C5360
RGB	140, 83, 96
RGB Percent	55%, 33%, 38%
CMY	0.4527, 0.6761, 0.6251
CMYK	0.00, 0.41, 0.31, 0.45
HSL	346°, 26%, 44%
HSV	346°, 41%, 55%
XYZ	15.8970, 12.5000, 12.5454
YIQ	101.5250, 29.7990, 16.1270

Conversions

Conversions Part 2

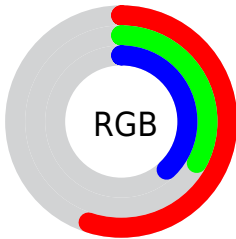
Format	Color
R_{YB}	140, 83, 96
Decimal	9196384
CIE Lab	42.00, 25.48, 2.68
CIE LCh	42, 25.624, 6.002
Yxy	12.5000, 0.3883, 0.3053
Android (android.graphics.Color)	4287386464 (0xFF8C5360)
YUV	101.5250, -2.7238, 33.7426
Hunter-Lab	35.3553, 18.3880, 3.7104

Details

The CIELCh color $42, 25.624, 6.002$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $54, 21.970, 177.215$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 25.792, 6.107$, and $22, 25.742, 5.948$ is the 20% darker color. If you saturate the color by 10%, you get $39, 32.192, 7.894$, and if you desaturate by 10%, it is $46, 19.044, 4.461$.

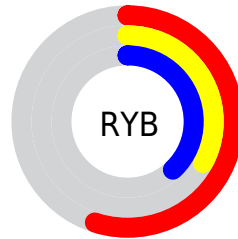
Distribution



Red (55%)

Green (33%)

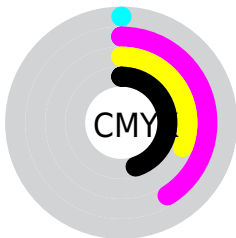
Blue (38%)



Red (55%)

Yellow (33%)

Blue (38%)

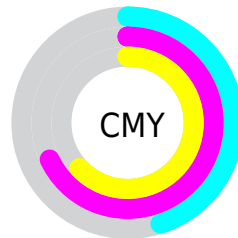


Cyan (0%)

Magenta (41%)

Yellow (31%)

Black (45%)



Cyan (45%)

Magenta (68%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 25.624, 6.002 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 42, 25.624, 6.002 by changing the saturation by 10% instead.


 42, 25.624, 6.002  42, 25.624, 6.002


 100, 25.624, 6.002  32, 25.624, 6.002


 62, 25.624, 6.002  22, 25.624, 6.002

 72, 25.624, 6.002  12, 25.624, 6.002

 82, 25.624, 6.002  2, 25.624, 6.002

 92, 25.624, 6.002  0, 25.624, 6.002

 42, 25.624, 6.002  42, 25.624, 6.002

 39, 32.192, 7.894  46, 19.044, 4.461

 35, 38.542, 10.248  50, 12.607, 3.174

 33, 44.422, 13.205  54, 6.401, 2.064

■ 31, 49.600, 16.909

■ 58, 0.472, 0.380

■ 29, 53.971, 21.432

■ 62, 5.167, 180.460

■ 28, 57.677, 25.850

■ 66, 10.518,
179.706

■ 70, 15.598,
179.055

■ 75, 20.427,
178.474

■ 79, 25.026,
177.948

Harmonies

Complementary

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



42, 25.624, 6.002



54, 21.970, 177.215

Rectangle

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



42, 25.624, 6.002



42, 25.624, 56.002



42, 25.624, 186.002



42, 25.624, 236.002

Sweetspot

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



42, 25.622, 6.005



68, 8.817, 2.217



42, 37.680, 319.506



35, 5.909, 2.336



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



42, 25.622, 6.005



50, 38.377, 7.735



45, 21.425, 45.953



27, 3.291, 1.888



27, 55.457, 25.550



0, 1.496, 1.119

Inverse Universe

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



42, 25.622, 6.005



50, 38.377, 7.735



50, 16.443, 231.192



27, 3.291, 1.888



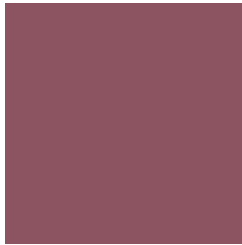
27, 55.457, 25.550



0, 1.496, 1.119

Previews

White Background



This preview shows how the CIELCh color 42, 25.624, 6.002 looks on a white background.

Color Contrast Check

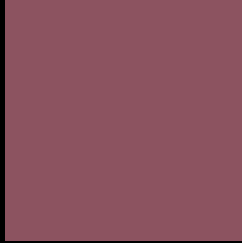
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 42, 25.624, 6.002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

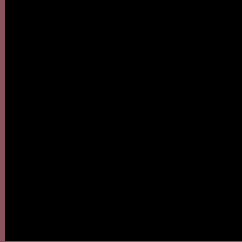
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 25.624, 6.002

Background



This preview shows how black text looks on a background with the CIELCh color 42, 25.624, 6.002.



This preview shows how white text looks on a background with the CIELCh color 42, 25.624, 6.002.

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

42, 25.624, 6.002

Protanopia

42, 3.656, 297.100

Deuteranopia

42, 7.166, 34.736



Tritanopia
42, 24.491, 14.828

Trichromacy



Original Color
42, 25.624, 6.002

Protanomaly
42, 10.350, 349.291

Deuteranomaly
42, 13.586, 13.735

Tritanomaly
42, 24.986, 11.012

Monochromacy



Original Color
42, 25.624, 6.002

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 9.411, 2.109

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 25.624, 6.002 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(140, 83, 96)` looks like.

```
.text, #text, p{  
    color:rgb(140, 83, 96)  
}
```

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(140, 83, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 83, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 25.624, 6.002 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(140, 83, 96) }
```

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

```
.border{ border-color:rgb(140, 83, 96) }
```

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

Here you see how a box with a 4 pixel rgb(140, 83, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 83, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 83, 96);  
box-shadow:4px 4px 4px 4px rgb(140, 83,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 25.624, 6.002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 83, 96) }
```

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

```
.background{ background-color: rgb(140, 83,  
96) }
```

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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