

Converting Colors

CIELCh(32, 25.524, 4.237)

Have a look what the booklet for
CIELCh(32, 25.524, 4.237) contains.

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Color

CIELCh(32, 25.519, 4.762)

Conversions

Conversions Part 1

Format	Color
Hex	713B49
RGB	113, 59, 73
RGB Percent	44%, 23%, 29%
CMY	0.5577, 0.7693, 0.7144
CMYK	0.00, 0.48, 0.35, 0.56
HSL	344°, 31%, 34%
HSV	344°, 48%, 44%
XYZ	9.5352, 7.0852, 7.1371
YIQ	76.7420, 27.6900, 15.8020

Conversions

Conversions Part 2

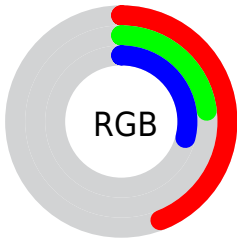
Format	Color
RYB	113, 59, 73
Decimal	7420745
CIELab	32.00, 25.43, 2.12
CIELCh	32, 25.519, 4.762
Yxy	7.0852, 0.4014, 0.2982
Android (android.graphics.Color)	4285610825 (0xFF713B49)
YUV	76.7420, -1.8448, 31.7983
Hunter-Lab	26.6180, 17.3616, 2.7350




Details

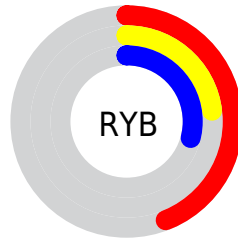
The CIELCh color **32, 25.519, 4.762** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **44, 21.760, 174.131**, and the grayscale version is **33, 0.005, 296.813**.




A 20% lighter version of the original color is **52, 25.460, 5.793**, and **12, 25.354, 3.832** is the 20% darker color. If you saturate the color by 10%, you get **29, 30.889, 6.821**, and if you desaturate by 10%, it is **35, 20.001, 3.087**.

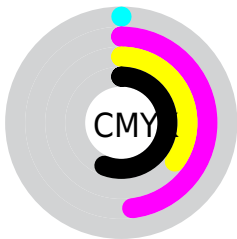
Distribution







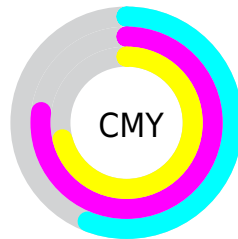
-  Red (44%)
-  Green (23%)
-  Blue (29%)






-  Red (44%)
-  Yellow (23%)
-  Blue (29%)



-  Cyan (0%)
-  Magenta (48%)
-  Yellow (35%)
-  Black (56%)



-  Cyan (56%)
-  Magenta (77%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 25.519, 4.762 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 32, 25.519, 4.762 by changing the saturation by 10% instead.

 32, 25.519, 4.762  32, 25.519, 4.762

 100, 25.519, 4.762  22, 25.519, 4.762

 52, 25.519, 4.762  12, 25.519, 4.762

 62, 25.519, 4.762  2, 25.519, 4.762

 72, 25.519, 4.762  0, 25.519, 4.762

 82, 25.519, 4.762

 92, 25.519, 4.762

 32, 25.519, 4.762  32, 25.519, 4.762

 29, 30.889, 6.821  35, 20.001, 3.087

 27, 35.913, 9.381  38, 14.500, 1.694

■ 25, 40.381, 12.585

■ 41, 9.120, 0.510

■ 24, 44.144, 16.561

■ 45, 3.928, 359.457

■ 22, 47.477, 21.013

■ 48, 1.046, 178.971

■ 22, 48.252, 21.896

■ 52, 5.792, 177.942

■ 55, 10.312,
177.226

■ 59, 14.619,
176.593

■ 62, 18.728,
176.022

Harmonies

Complementary

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



32, 25.519, 4.762



44, 21.760, 174.131

Rectangle

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



32, 25.519, 4.762



32, 25.519, 54.762



32, 25.519, 184.762



32, 25.519, 234.762

Sweetspot

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



32, 25.517, 4.764



55, 8.867, 0.134



32, 36.808, 318.691



27, 6.104, 0.315



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



32, 25.517, 4.764



39, 37.992, 6.979



35, 21.940, 42.702



22, 2.808, 359.575



24, 50.505, 22.310



52, 88.231, 25.814

Inverse Universe

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



32, 25.517, 4.764



39, 37.992, 6.979



40, 15.834, 227.194



22, 2.808, 359.575



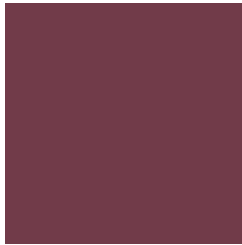
24, 50.505, 22.310



52, 88.231, 25.814

Previews

White Background



This preview shows how the CIE LCh color 32, 25.519, 4.762 looks on a white background.

Color Contrast Check

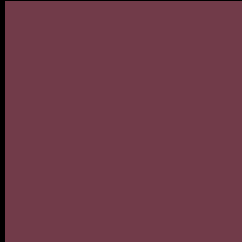
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIE LCh color 32, 25.519, 4.762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

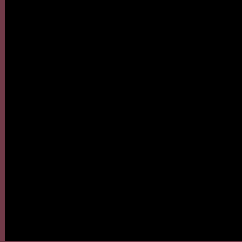
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 25.519, 4.762

Background



This preview shows how black text looks on a background with the CIELCh color 32, 25.519, 4.762.



This preview shows how white text looks on a background with the CIELCh color 32, 25.519, 4.762.

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

32, 25.519, 4.762

Protanopia

32, 4.437, 290.974

Deuteranopia

32, 5.781, 39.174



Tritanopia
32, 24.419, 16.841

Trichromacy



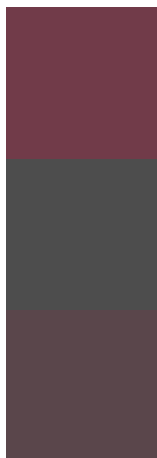
Original Color
32, 25.519, 4.762

Protanomaly
32, 10.792, 345.463

Deuteranomaly
32, 12.458, 12.890

Tritanomaly
32, 24.334, 12.460

Monochromacy



Original Color
32, 25.519, 4.762

Achromatopsia
33, 0.005, 296.813

Achromatomaly
32, 9.462, 1.615

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 25.519, 4.762 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(113, 59, 73)` looks like.

```
.text, #text, p{  
    color:rgb(113, 59, 73)  
}
```

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(113, 59, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 59, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 25.519, 4.762 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(113, 59, 73) }
```

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

```
.border{ border-color:rgb(113, 59, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 59, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 59, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 59, 73);  
box-shadow:4px 4px 4px 4px rgb(113, 59,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 25.519, 4.762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 59, 73) }
```

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

```
.background{ background-color: rgb(113, 59,  
73) }
```

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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