

Converting Colors

CIELCh(30, 25.460, 321.858)

Have a look what the booklet for
CIELCh(30, 25.460, 321.858)
contains.

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Color

CIELCh(30, 25.302, 322.064)

Conversions

Conversions Part 1

Format	Color
Hex	5A3C5F
RGB	90, 60, 95
RGB Percent	35%, 24%, 37%
CMY	0.6470, 0.7646, 0.6273
CMYK	0.05, 0.37, 0.00, 0.63
HSL	291°, 23%, 30%
HSV	291°, 37%, 37%
XYZ	7.9028, 6.2359, 11.6197
YIQ	72.9600, 6.6450, 17.2450

Conversions

Conversions Part 2

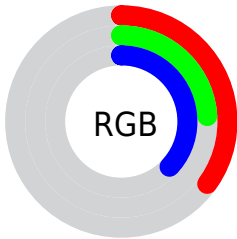
Format	Color
R_{YB}	90, 60, 95
Decimal	5913695
CIE _{Lab}	30.00, 19.96, -15.56
CIE _{LCh}	30, 25.302, 322.064
Yxy	6.2359, 0.3068, 0.2421
Android (android.graphics.Color)	4284103775 (0xFF5A3C5F)
YUV	72.9600, 10.8657, 14.9441
Hunter-Lab	24.9718, 12.7890, -10.1082

Details

The CIELCh color $[30, 25.302, 322.064]$ is a dark color, and the websafe version is hex `#663366`. A complement of this color would be $[37, 25.051, 138.492]$, and the grayscale version is $[31, 0.005, 296.813]$.

A 20% lighter version of the original color is $[50, 25.516, 321.999]$, and $[10, 25.128, 321.441]$ is the 20% darker color. If you saturate the color by 10%, you get $[27, 31.991, 322.451]$, and if you desaturate by 10%, it is $[33, 18.430, 321.644]$.

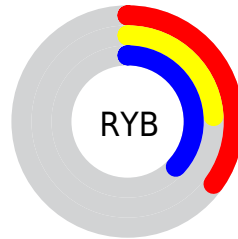
Distribution



Red (35%)

Green (24%)

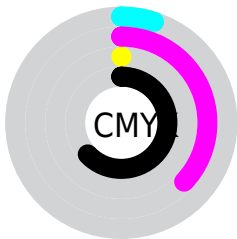
Blue (37%)



Red (35%)

Yellow (24%)

Blue (37%)

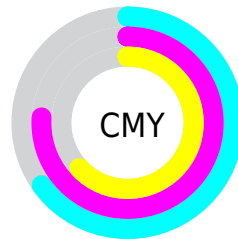


Cyan (5%)

Magenta (37%)

Yellow (0%)

Black (63%)



Cyan (65%)


Magenta (76%)


Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 25.302, 322.064 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 30, 25.302, 322.064 by changing the saturation by 10% instead.


 30, 25.302,
322.064


 30, 25.302,
322.064

 100, 25.302,
322.064


 20, 25.302,
322.064


 50, 25.302,
322.064


 10, 25.302,
322.064

 60, 25.302,
322.064

 0, 25.302, 322.064

 70, 25.302,
322.064

 80, 25.302,
322.064

 90, 25.302,
322.064

■ 30, 25.302,
322.064

■ 30, 25.302,
322.064

■ 27, 31.991,
322.451

■ 33, 18.430,
321.644

■ 25, 38.321,
322.784

■ 35, 11.513,
321.208

■ 23, 44.063,
323.037

■ 38, 4.641, 320.757

■ 21, 48.957,
323.182

■ 41, 2.124, 140.421

■ 44, 8.746, 139.964

■ 20, 52.756,
323.190

■ 47, 15.202,
139.566

■ 19, 55.718,
323.103

■ 50, 21.484,
139.194

■ 18, 56.697,
323.087

■ 53, 27.589,
138.847

■ 56, 33.519,
138.525

Harmonies

Complementary

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



30, 25.302, 322.064



37, 25.051, 138.492

Rectangle

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



30, 25.302, 322.064



30, 25.302, 12.064



30, 25.302, 142.064



30, 25.302, 192.064

Sweetspot

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



30, 25.301, 322.064



47, 9.234, 320.963



28, 19.260, 288.084



23, 6.150, 320.999



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



30, 25.301, 322.064



36, 37.067, 322.395



30, 20.649, 339.066



18, 3.878, 320.853



23, 63.754, 322.988



51, 111.563, 322.672

Inverse Universe

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



30, 16.521, 11.575



36, 24.723, 12.931



37, 20.309, 153.422



18, 2.379, 8.351



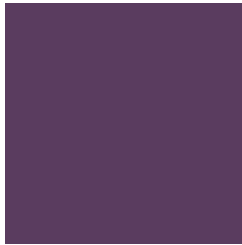
22, 51.324, 30.769



50, 92.949, 34.258

Previews

White Background



This preview shows how the CIE LCh color 30, 25.302, 322.064 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 CIELCh color 30, 25.302, 322.064 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 30, 25.302, 322.064

Background



This preview shows how black text looks on a background with the CIELCh color 30, 25.302, 322.064.



This preview shows how white text looks on a background with the CIELCh color 30, 25.302, 322.064.

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

30, 25.302, 322.064

Protanopia

30, 21.252, 284.504

Deuteranopia

30, 14.755, 286.917



Tritanopia
30, 10.451, 3.627

Trichromacy



Original Color
30, 25.302, 322.064

Protanomaly
30, 21.956, 298.922

Deuteranomaly
30, 18.383, 304.382

Tritanomaly
30, 14.861, 338.821

Monochromacy



Original Color
30, 25.302, 322.064

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 9.583, 320.832

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 25.302, 322.064 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(90, 60, 95)` looks like.

```
.text, #text, p{  
    color:rgb(90, 60, 95)  
}
```

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(90, 60, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 60, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 25.302, 322.064 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(90, 60, 95) }
```

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

```
.border{ border-color:rgb(90, 60, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 60, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 60, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 60, 95);  
box-shadow:4px 4px 4px 4px rgb(90, 60, 95)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 25.302, 322.064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 60, 95) }
```

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

```
.background{ background-color: rgb(90, 60,  
95) }
```

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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