

Converting Colors

CIELCh(30, 22.988, 326.103)

Have a look what the booklet for
CIELCh(30, 22.988, 326.103)
contains.

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Color

CIELCh(30, 23.410, 326.141)

Conversions

Conversions Part 1

Format	Color
Hex	5B3C5B
RGB	91, 60, 91
RGB Percent	36%, 24%, 36%
CMY	0.6426, 0.7642, 0.6426
CMYK	0.00, 0.34, 0.00, 0.64
HSL	300°, 20%, 30%
HSV	300°, 34%, 36%
XYZ	7.8469, 6.2359, 10.7208
YIQ	72.8030, 8.5250, 16.2130

Conversions

Conversions Part 2

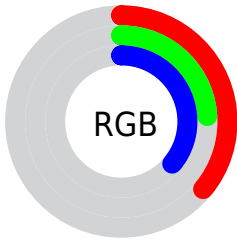
Format	Color
R_{YB}	91, 60, 91
Decimal	5979227
CIE _{Lab}	30.00, 19.44, -13.04
CIE _{LCh}	30, 23.410, 326.141
Yxy	6.2359, 0.3164, 0.2514
Android (android.graphics.Color)	4284169307 (0xFF5B3C5B)
YUV	72.8030, 8.9711, 15.9588
Hunter-Lab	24.9718, 12.3895, -7.9739

Details

The CIELCh color $30, 23.410, 326.141$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $36, 23.417, 142.220$, and the grayscale version is $31, 0.005, 296.813$.

A 20% lighter version of the original color is $50, 23.314, 326.514$, and $10, 22.951, 325.986$ is the 20% darker color. If you saturate the color by 10%, you get $28, 30.027, 326.609$, and if you desaturate by 10%, it is $32, 16.568, 325.648$.

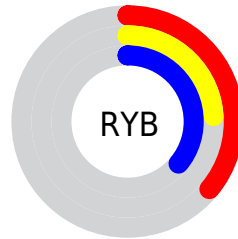
Distribution



Red (36%)

Green (24%)

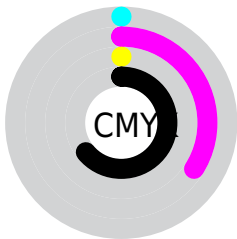
Blue (36%)



Red (36%)

Yellow (24%)

Blue (36%)

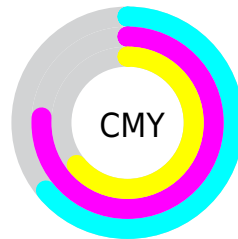


Cyan (0%)

Magenta (34%)

Yellow (0%)

Black (64%)



Cyan (64%)


Magenta (76%)


Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 23.410, 326.141 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, 23.410, 326.141 by changing the saturation by 10% instead.


 30, 23.410,
326.141


 30, 23.410,
326.141

 100, 23.410,
326.141


 20, 23.410,
326.141


 50, 23.410,
326.141


 10, 23.410,
326.141

 60, 23.410,
326.141

 0, 23.410, 326.141

 70, 23.410,
326.141

 80, 23.410,
326.141

 90, 23.410,
326.141

■ 30, 23.410,
326.141

■ 30, 23.410,
326.141

■ 28, 30.027,
326.609

■ 32, 16.568,
325.648

■ 26, 36.240,
327.038

■ 35, 9.648, 325.138

■ 24, 41.831,
327.415

■ 38, 2.752, 324.594

■ 40, 4.047, 144.183

■ 22, 46.572,
327.727

■ 43, 10.704,
143.673

■ 21, 50.260,
327.966

■ 46, 17.192,
143.197

■ 20, 52.942,
328.137

■ 49, 23.495,
142.744

■ 20, 54.513,
328.236

■ 52, 29.611,
142.314

■ 54, 35.539,
141.909

Harmonies

Complementary

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



30, 23.410, 326.141



36, 23.417, 142.220

Rectangle

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



30, 23.410, 326.141



30, 23.410, 16.141



30, 23.410, 146.141



30, 23.410, 196.141

Sweetspot

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



30, 23.409, 326.141



46, 8.457, 324.944



27, 20.259, 294.097



22, 5.714, 324.990



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



30, 23.409, 326.141



37, 34.499, 326.529



29, 16.762, 346.603



17, 3.868, 324.867



25, 62.058, 328.236



56, 109.384, 328.236

Inverse Universe

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



30, 23.409, 326.141



37, 34.499, 326.529



36, 16.128, 160.707



17, 3.868, 324.867



25, 62.058, 328.236



56, 109.384, 328.236

Previews

White Background



This preview shows how the CIE LCh color 30, 23.410, 326.141 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, 23.410, 326.141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

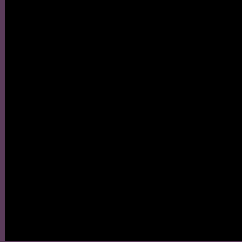
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 23.410, 326.141

Background



This preview shows how black text looks on a background with the CIELCh color 30, 23.410, 326.141.



This preview shows how white text looks on a background with the CIELCh color 30, 23.410, 326.141.

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, 23.410, 326.141

Protanopia

30, 18.675, 284.616

Deuteranopia

30, 12.170, 288.691



Tritanopia
30, 10.777, 7.748

Trichromacy



Original Color
30, 23.410, 326.141

Protanomaly
30, 19.514, 301.516

Deuteranomaly
30, 15.992, 307.422

Tritanomaly
30, 14.431, 343.982

Monochromacy



Original Color
30, 23.410, 326.141

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 9.269, 325.172

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 23.410, 326.141 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(91, 60, 91)` looks like.

```
.text, #text, p{  
    color:rgb(91, 60, 91)  
}
```

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(91, 60, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 60, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 23.410, 326.141 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(91, 60, 91) }
```

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

```
.border{ border-color:rgb(91, 60, 91) }
```

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

Here you see how a box with a 4 pixel rgb(91, 60, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 60, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 60, 91);  
box-shadow:4px 4px 4px 4px rgb(91, 60, 91)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 23.410, 326.141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 60, 91) }
```

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

```
.background{ background-color: rgb(91, 60,  
91) }
```

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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