

Converting Colors

CIELCh(30, 26.320, 329.336)

Have a look what the booklet for
CIELCh(30, 26.320, 329.336)
contains.

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Color

CIELCh(30, 26.170, 328.777)

Conversions

Conversions Part 1

Format	Color
Hex	5F3A5C
RGB	95, 58, 92
RGB Percent	37%, 23%, 36%
CMY	0.6273, 0.7724, 0.6391
CMYK	0.00, 0.39, 0.03, 0.63
HSL	305°, 24%, 30%
HSV	305°, 39%, 37%
XYZ	8.1690, 6.2359, 10.9039
YIQ	72.9390, 11.1380, 18.4180

Conversions

Conversions Part 2

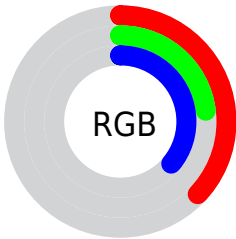
Format	Color
R_{YB}	95, 58, 92
Decimal	6240860
CIE _{Lab}	30.00, 22.38, -13.57
CIE _{LCh}	30, 26.170, 328.777
Yxy	6.2359, 0.3228, 0.2464
Android (android.graphics.Color)	4284430940 (0xFF5F3A5C)
YUV	72.9390, 9.3971, 19.3475
Hunter-Lab	24.9718, 14.6922, -8.4086

Details

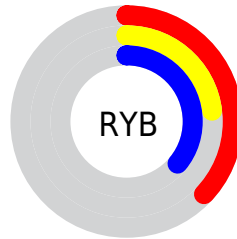
The CIELCh color $[30, 26.170, 328.777]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[37, 26.183, 143.972]$, and the grayscale version is $[31, 0.005, 296.813]$.

A 20% lighter version of the original color is $[50, 25.999, 328.818]$, and $[10, 26.113, 329.233]$ is the 20% darker color. If you saturate the color by 10%, you get $[28, 32.486, 329.296]$, and if you desaturate by 10%, it is $[32, 19.547, 328.243]$.

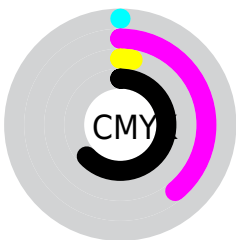
Distribution



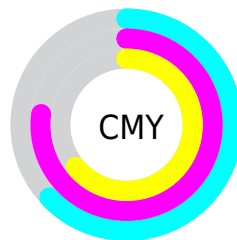
- Red (37%)
- Green (23%)
- Blue (36%)



- Red (37%)
- Yellow (23%)
- Blue (36%)



- Cyan (0%)
- Magenta (39%)
- Yellow (3%)
- Black (63%)





- Cyan (63%)
- Magenta (77%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 26.170, 328.777 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, 26.170, 328.777 by changing the saturation by 10% instead.


 30, 26.170,
328.777


 30, 26.170,
328.777

 100, 26.170,
328.777


 20, 26.170,
328.777


 50, 26.170,
328.777


 10, 26.170,
328.777

 60, 26.170,
328.777

 0, 26.170, 328.777

 70, 26.170,
328.777

 80, 26.170,
328.777

 90, 26.170,
328.777

■ 30, 26.170,
328.777

■ 30, 26.170,
328.777

■ 28, 32.486,
329.296

■ 32, 19.547,
328.243

■ 26, 38.293,
329.793

■ 35, 12.786,
327.702

■ 24, 43.351,
330.260

■ 38, 6.008, 327.153

■ 22, 47.425,
330.693

■ 41, 0.704, 146.883

■ 43, 7.293, 146.163

■ 21, 50.329,
331.094

■ 46, 13.726,
145.658

■ 21, 52.616,
331.471

■ 49, 19.985,
145.180

■ 21, 52.868,
331.510

■ 52, 26.063,
144.725

■ 55, 31.961,
144.295

Harmonies

Complementary

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



30, 26.170, 328.777



37, 26.183, 143.972

Rectangle

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



30, 26.170, 328.777



30, 26.170, 18.777



30, 26.170, 148.777



30, 26.170, 198.777

Sweetspot

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



30, 26.169, 328.777



47, 9.954, 327.343



26, 24.261, 296.926



23, 6.543, 327.382



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, 26.169, 328.777



36, 38.462, 329.269



29, 19.152, 351.201



18, 3.831, 327.151



25, 59.359, 331.582



56, 103.371, 331.812

Inverse Universe

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



30, 26.169, 328.777



36, 38.462, 329.269



37, 18.016, 163.802



18, 3.831, 327.151



25, 59.359, 331.582



56, 103.371, 331.812

Previews

White Background



This preview shows how the CIELCh color 30, 26.170, 328.777 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, 26.170, 328.777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

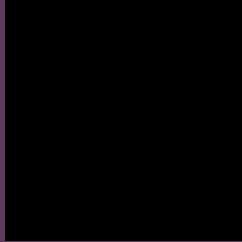
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 26.170, 328.777

Background



This preview shows how black text looks on a background with the CIELCh color 30, 26.170, 328.777.



This preview shows how white text looks on a background with the CIELCh color 30, 26.170, 328.777.

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, 26.170, 328.777

Protanopia

30, 19.965, 284.526

Deuteranopia

30, 12.806, 289.008



Tritanopia
30, 13.650, 8.560

Trichromacy



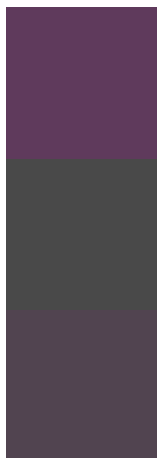
Original Color
30, 26.170, 328.777

Protanomaly
30, 20.771, 301.157

Deuteranomaly
30, 16.807, 309.610

Tritanomaly
30, 17.239, 346.653

Monochromacy



Original Color
30, 26.170, 328.777

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 9.512, 327.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 26.170, 328.777 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(95, 58, 92)` looks like.

```
.text, #text, p{  
    color:rgb(95, 58, 92)  
}
```

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(95, 58, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 58, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 26.170, 328.777 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(95, 58, 92) }
```

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

```
.border{ border-color:rgb(95, 58, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 58, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 58, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 58, 92);  
box-shadow:4px 4px 4px 4px rgb(95, 58, 92)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 26.170, 328.777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 58, 92) }
```

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

```
.background{ background-color: rgb(95, 58,  
92) }
```

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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