

Converting Colors

CIELCh(30, 29.276, 60.683)

Have a look what the booklet for
CIELCh(30, 29.276, 60.683) contains.

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Color

CIELCh(30, 29.264, 60.430)

Conversions

Conversions Part 1

Format	Color
Hex	653D1F
RGB	101, 61, 31
RGB Percent	40%, 24%, 12%
CMY	0.6031, 0.7601, 0.8777
CMYK	0.00, 0.40, 0.69, 0.60
HSL	26°, 53%, 26%
HSV	26°, 69%, 40%
XYZ	7.3187, 6.2359, 2.1263
YIQ	69.5400, 33.4700, -0.8500

Conversions

Conversions Part 2

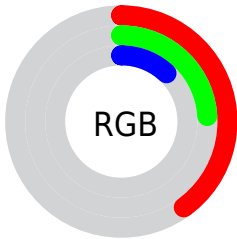
Format	Color
RYB	101, 84, 31
Decimal	6634783
CIELab	30.00, 14.44, 25.45
CIELCh	30, 29.264, 60.430
Yxy	6.2359, 0.4667, 0.3977
Android (android.graphics.Color)	4284824863 (0xFF653D1F)
YUV	69.5400, -19.0002, 27.5904
Hunter-Lab	24.9718, 8.6142, 12.4319

Details

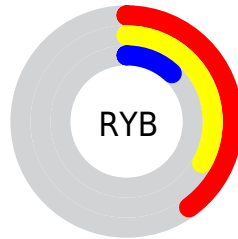
The CIELCh color **30, 29.264, 60.430** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **29, 21.989, 260.983**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **50, 29.371, 60.864**, and **10, 21.116, 45.750** is the 20% darker color. If you saturate the color by 10%, you get **28, 34.104, 59.401**, and if you desaturate by 10%, it is **32, 24.442, 61.394**.

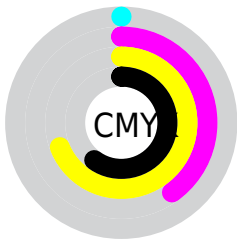
Distribution



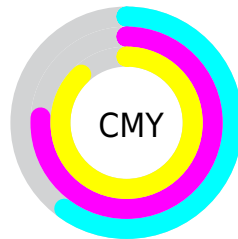
- Red (40%)
- Green (24%)
- Blue (12%)



- Red (40%)
- Yellow (33%)
- Blue (12%)



- Cyan (0%)
- Magenta (40%)
- Yellow (69%)
- Black (60%)



- Cyan (60%)
- Magenta (76%)
- Yellow (88%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 30, 29.264, 60.430 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, 29.264, 60.430 by changing the saturation by 10% instead.

 30, 29.264, 60.430

 30, 29.264, 60.430

 100, 29.264,
60.430

 20, 29.264, 60.430

 50, 29.264, 60.430

 10, 29.264, 60.430

 60, 29.264, 60.430

 0, 29.264, 60.430

 70, 29.264, 60.430

 80, 29.264, 60.430

 90, 29.264, 60.430

 30, 29.264, 60.430

 30, 29.264, 60.430

 28, 34.104, 59.401

 32, 24.442, 61.394

■ 27, 38.685, 58.143

■ 33, 19.775, 62.348

■ 25, 42.737, 56.675

■ 35, 15.319, 63.319

■ 25, 43.059, 56.576

■ 37, 11.093, 64.310

■ 39, 7.093, 65.310

■ 41, 3.306, 66.290

■ 43, 0.285, 248.295

■ 45, 3.699, 248.471

■ 47, 6.954, 249.433

Harmonies

Complementary

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



30, 29.264, 60.430



29, 21.989, 260.983

Rectangle

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



30, 29.264, 60.430



30, 29.264, 110.430



30, 29.264, 240.430



30, 29.264, 290.430

Sweetspot

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



30, 29.263, 60.434



50, 9.752, 65.068



24, 36.895, 346.247



25, 6.581, 64.880



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



30, 29.263, 60.434



37, 44.901, 58.655



40, 36.740, 99.919



20, 2.029, 66.316



29, 47.969, 56.547



61, 85.231, 54.411

Inverse Universe

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



29, 21.989, 260.983



35, 31.919, 267.095



18, 43.735, 297.794



20, 1.972, 248.367



27, 33.406, 273.817



57, 60.965, 277.010

Previews

White Background



This preview shows how the CIELCh color 30, 29.264, 60.430 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, 29.264, 60.430 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, 29.264, 60.430

Background



This preview shows how black text looks on a background with the CIELCh color 30, 29.264, 60.430.



This preview shows how white text looks on a background with the CIELCh color 30, 29.264, 60.430.

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, 29.264, 60.430

Protanopia

30, 23.379, 95.691

Deuteranopia

30, 26.116, 81.973



Tritanopia
30, 21.313, 16.833

Trichromacy



Original Color
30, 29.264, 60.430

Protanomaly
30, 24.013, 80.313

Deuteranomaly
30, 27.088, 74.197

Tritanomaly
30, 22.228, 35.978

Monochromacy



Original Color
30, 29.264, 60.430

Achromatopsia
30, 0.005, 296.813

Achromatomaly
30, 9.804, 65.499

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 29.264, 60.430 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(101, 61, 31)` looks like.

```
.text, #text, p{  
    color:rgb(101, 61, 31)  
}
```

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(101, 61, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 61, 31) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 29.264, 60.430 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(101, 61, 31) }
```

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

```
.border{ border-color:rgb(101, 61, 31) }
```

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

Here you see how a box with a 4 pixel rgb(101, 61, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 61, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 61, 31);  
box-shadow:4px 4px 4px 4px rgb(101, 61,  
31) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 29.264, 60.430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 61, 31) }
```

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

```
.background{ background-color: rgb(101, 61,  
31) }
```

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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