Converting Colors

CIELCh(10, 27.050, 326.509)

Have a look what the booklet for CIELCh(10, 27.050, 326.509) contains.

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Color

CIELCh(10, 27.046, 326.476)

Conversions

Conversions Part 1

Format	Color
Hex	2F0E30
RGB	47, 14, 48
RGB Percent	18%, 5%, 19%
CMY	0.8161, 0.9455, 0.8121
CMYK	0.02, 0.71, 0.00, 0.81
HSL	298°, 55%, 12%
HSV	298°, 71%, 19%
XYZ	1.8549, 1.1260, 2.9054
YIQ	27.7430, 8.7540, 17.5700

Conversions

Conversions Part 2

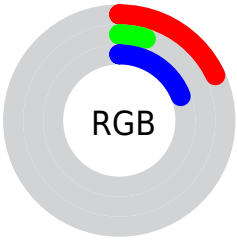
Format	Color
RYB	47, 14, 48
Decimal	3083824
CIELab	10.00, 22.55, -14.94
CIELCh	10, 27.046, 326.476
Yxy	1.1260, 0.3151, 0.1913
Android (android.graphics.Color)	4281273904 (0xFF2F0E30)
YUV	27.7430, 9.9867, 16.8884
Hunter-Lab	10.6114, 12.6321, -8.8056

Details

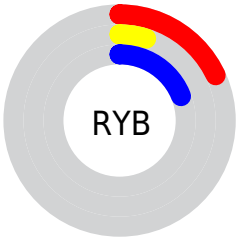
The CIELCh color 10, 27.046, 326.476 is a dark color, and the websafe version is hex 330033. A complement of this color would be 17, 27.093, 139.197, and the grayscale version is 10, 0.003, 296.813.

A 20% lighter version of the original color is 30, 26.953, 326.350, and 0, 0.000, 0.000 is the 20% darker color. If you saturate the color by 10%, you get 9, 29.925, 326.735, and if you desaturate by 10%, it is 11, 23.754, 326.162.

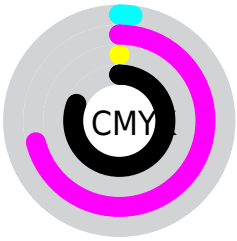
Distribution



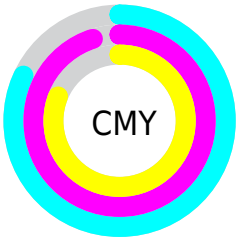
- Red (18%)
- Green (5%)
- Blue (19%)



- Red (18%)
- Yellow (5%)
- Blue (19%)



- Cyan (2%)
- Magenta (71%)
- Yellow (0%)
- Black (81%)



- Cyan (82%)
- Magenta (95%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 10, 27.046, 326.476 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 10, 27.046, 326.476 by changing the saturation by 10% instead.

10, 27.046, 326.476

100, 27.046, 326.476

30, 27.046, 326.476

40, 27.046, 326.476

50, 27.046, 326.476

60, 27.046, 326.476

70, 27.046, 326.476

80, 27.046,

10, 27.046, 326.476

0, 27.046, 326.476

326.476

90, 27.046, 326.476

10, 27.046, 326.476

9, 29.925, 326.735

8, 32.830, 326.996

7, 35.620, 327.231

10, 27.046, 326.476

11, 23.754, 326.162

12, 20.147, 325.802

14, 16.327, 325.408

15, 12.379, 324.990

17, 8.374, 324.556

18, 4.364, 324.110

20, 0.388, 323.457

21, 3.528, 143.297

23, 7.366, 142.868

Harmonies

Complementary

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

10, 27.046, 326.476

17, 27.093, 139.197

Rectangle

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

10, 27.046, 326.476

10, 27.046, 16.476

10, 27.046, 146.476

10, 27.046, 196.476

Sweetspot

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

10, 27.045, 326.476

22, 10.305, 324.605

6, 24.377, 296.554

9, 6.810, 324.608

65, 0.008, 296.813

12, 0.003, 296.813

Same Dimension

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

10, 27.045, 326.476

13, 37.307, 326.899

9, 20.184, 348.301

7, 1.958, 323.591

18, 52.729, 327.156

50, 101.460, 327.059

Inverse Universe

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

9, 18.855, 22.096

11, 27.897, 26.100

17, 19.355, 155.449

7, 1.114, 16.954

16, 43.317, 32.370

45, 90.445, 39.003

Previews

White Background

This preview shows how the CIELCh color 10, 27.046, 326.476 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

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 10, 27.046, 326.476

Background

This preview shows how black text looks on a background with the CIELCh color 10, 27.046, 326.476.

This preview shows how white text looks on a background with the CIELCh color 10, 27.046, 326.476.

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
10, 27.046, 326.476

Deuteranopia
11, 12.762, 278.333

Tritanopia
10, 11.970, 16.577

Trichromacy

Original Color
10, 27.046, 326.476

Deuteranomaly
10, 17.196, 303.475

Tritanomaly
10, 16.006, 346.292

Monochromacy

Original Color
10, 27.046, 326.476

Achromatopsia
10, 0.003, 296.813

Achromatomaly
10, 10.576, 325.856

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 10, 27.046, 326.476 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(47, 14, 48) looks like.

```
.text, #text, p{
    color:rgb(47, 14, 48)
}
```

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(47, 14, 48) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(47, 14, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 14, 48) }
```

Border

The CSS property to change the border of an element to CIELCh 10, 27.046, 326.476 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(47, 14, 48) }
```

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

```
.border{ border-color:rgb(47, 14, 48) }
```

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

Here you see how a box with a 4 pixel rgb(47, 14, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(47, 14, 48); -webkit-box-shadow:4px 4px 4px 4px rgb(47, 14, 48); box-shadow:4px 4px 4px 4px rgb(47, 14, 48) }
```

Background

The CSS property to change the background color of an element to CIELCh 10, 27.046, 326.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(47, 14, 48) }
```

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

```
.background{ background-color:rgb(47, 14, 48) }
```

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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