Converting Colors

CIELCh(27, 10.853, 198.008)

Have a look what the booklet for CIELCh(27, 10.853, 198.008) contains.

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Color

CIELCh(27, 11.041, 197.675)

Conversions

Conversions Part 1

Format	Color
Hex	294545
RGB	41, 69, 69
RGB Percent	16%, 27%, 27%
CMY	0.8408, 0.7310, 0.7310
CMYK	0.41, 0.00, 0.00, 0.73
HSL	180°, 26%, 21%
HSV	180°, 41%, 27%
XYZ	4.0629, 5.0937, 6.3330
YIQ	60.6280, -16.6880, -5.9360

Conversions

Conversions Part 2

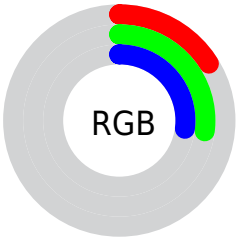
Format	Color
RYB	41, 55, 69
Decimal	2704709
CIELab	27.00, -10.52, -3.35
CIELCh	27, 11.041, 197.675
Yxy	5.0937, 0.2623, 0.3288
Android (android.graphics.Color)	4280894789 (0xFF294545)
YUV	60.6280, 4.1274, -17.2138
Hunter-Lab	22.5692, -7.3623, -0.8386

Details

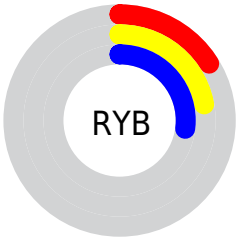
The CIELCh color 27, 11.041, 197.675 is a dark color, and the websafe version is hex 003333. A complement of this color would be 20, 14.214, 22.725, and the grayscale version is 25, 0.004, 296.813.

A 20% lighter version of the original color is 47, 10.954, 198.220, and 7, 9.406, 198.902 is the 20% darker color. If you saturate the color by 10%, you get 27, 13.182, 197.340, and if you desaturate by 10%, it is 27, 8.640, 198.053.

Distribution

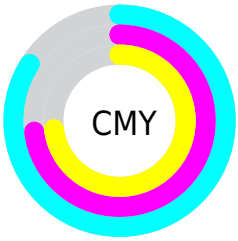


- Red (16%)
- Green (27%)
- Blue (27%)



- Red (16%)
- Yellow (22%)
- Blue (27%)

- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (73%)



- Cyan (84%)
- Magenta (73%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 27, 11.041, 197.675 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 27, 11.041, 197.675 by changing the saturation by 10% instead.

27, 11.041, 197.675

100, 11.041, 197.675

47, 11.041, 197.675

57, 11.041, 197.675

67, 11.041, 197.675

77, 11.041, 197.675

87, 11.041, 197.675

97, 11.041,

27, 11.041, 197.675

17, 11.041, 197.675

7, 11.041, 197.675

0, 11.041, 197.675

197.675

27, 11.041, 197.675

27, 13.182, 197.340

26, 15.029, 197.057

26, 16.557, 196.827

26, 17.752, 196.648

26, 18.664, 196.513

26, 19.488, 196.393

27, 11.041, 197.675

27, 8.640, 198.053

28, 6.014, 198.481

28, 3.204, 198.969

29, 0.245, 200.420

30, 2.827, 19.784

30, 5.981, 20.357

31, 9.192, 20.911

32, 12.438, 21.467

33, 15.699, 22.025

Harmonies

Complementary

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

27, 11.041, 197.675

20, 14.214, 22.725

Rectangle

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

27, 11.041, 197.675

27, 11.041, 247.675

27, 11.041, 17.675

27, 11.041, 67.675

Sweetspot

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

27, 11.041, 197.672

37, 4.407, 198.880

26, 22.127, 141.784

18, 2.946, 198.858

71, 0.009, 296.813

19, 0.004, 296.813

Same Dimension

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

27, 11.041, 197.672

35, 15.804, 197.334

22, 10.640, 261.424

12, 1.610, 199.101

37, 24.668, 196.393

81, 45.498, 196.393

Inverse Universe

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

21, 22.101, 326.381

26, 32.621, 326.821

24, 11.783, 70.919

12, 2.930, 324.827

22, 56.887, 328.234

53, 104.922, 328.234

Previews

White Background

This preview shows how the CIELCh color 27, 11.041, 197.675 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 27, 11.041, 197.675 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 27, 11.041, 197.675

Background

This preview shows how black text looks on a background with the CIELCh color 27, 11.041, 197.675.

This preview shows how white text looks on a background with the CIELCh color 27, 11.041, 197.675.

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
27, 11.041, 197.675

Protanopia
27, 1.386, 309.147

Deuteranopia
27, 5.682, 313.722

Tritanopia
27, 10.421, 216.293

Trichromacy

Original Color
27, 11.041, 197.675

Protanomaly
27, 4.320, 207.478

Deuteranomaly
27, 4.353, 247.832

Tritanomaly
27, 10.606, 208.522

Monochromacy

Original Color
27, 11.041, 197.675

Achromatopsia
25, 0.004, 296.813

Achromatomaly
26, 4.331, 198.719

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 11.041, 197.675 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(41, 69, 69) looks like.

```
.text, #text, p{
    color:rgb(41, 69, 69)
}
```

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(41, 69, 69) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(41, 69, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 69, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 11.041, 197.675 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(41, 69, 69) }
```

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

```
.border{ border-color:rgb(41, 69, 69) }
```

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

Here you see how a box with a 4 pixel rgb(41, 69, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(41, 69, 69); -webkit-box-shadow:4px 4px 4px 4px rgb(41, 69, 69); box-shadow:4px 4px 4px 4px rgb(41, 69, 69) }
```

Background

The CSS property to change the background color of an element to CIELCh 27, 11.041, 197.675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(41, 69, 69) }
```

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

```
.background{ background-color:rgb(41, 69, 69) }
```

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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