

Converting Colors

CIELCh(27, 30.152, 289.154)

Have a look what the booklet for
CIELCh(27, 30.152, 289.154)
contains.

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Color

CIELCh(27, 29.960, 289.204)

Conversions

Conversions Part 1

Format	Color
Hex	323D6B
RGB	50, 61, 107
RGB Percent	20%, 24%, 42%
CMY	0.8035, 0.7604, 0.5799
CMYK	0.53, 0.43, 0.00, 0.58
HSL	228°, 36%, 31%
HSV	228°, 53%, 42%
XYZ	5.6554, 5.0937, 14.6272
YIQ	62.9550, -21.3220, 11.9740

Conversions

Conversions Part 2

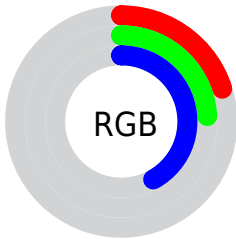
Format	Color
RYB	50, 59, 107
Decimal	3292523
CIELab	27.00, 9.85, -28.29
CIELCh	27, 29.960, 289.204
Yxy	5.0937, 0.2229, 0.2007
Android (android.graphics.Color)	4281482603 (0xFF323D6B)
YUV	62.9550, 21.7142, -11.3615
Hunter-Lab	22.5692, 5.2328, -22.6277

Details

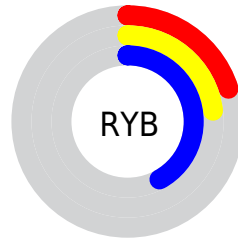
The CIELCh color **27, 29.960, 289.204** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **41, 27.775, 94.896**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 30.232, 289.191**, and **7, 30.078, 291.402** is the 20% darker color. If you saturate the color by 10%, you get **24, 36.182, 291.579**, and if you desaturate by 10%, it is **30, 23.942, 287.110**.

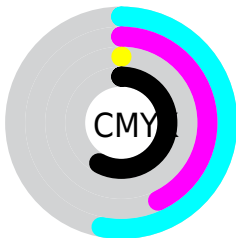
Distribution



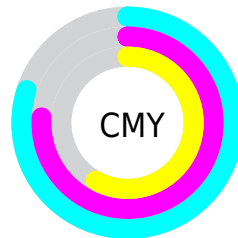
- Red (20%)
- Green (24%)
- Blue (42%)



- Red (20%)
- Yellow (23%)
- Blue (42%)



- Cyan (53%)
- Magenta (43%)
- Yellow (0%)
- Black (58%)



- Cyan (80%)
- Magenta (76%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 27, 29.960, 289.204 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, 29.960, 289.204 by changing the saturation by 10% instead.

■ 27, 29.960,
289.204

■ 27, 29.960,
289.204

■ 100, 29.960,
289.204

■ 17, 29.960,
289.204

■ 47, 29.960,
289.204

■ 7, 29.960, 289.204

■ 57, 29.960,
289.204

■ 0, 29.960, 289.204

■ 67, 29.960,
289.204

■ 77, 29.960,
289.204

■ 87, 29.960,
289.204

■ 97, 29.960,

289.204

■ 27, 29.960,
289.204

■ 27, 29.960,
289.204

■ 24, 36.182,
291.579

■ 30, 23.942,
287.110

■ 20, 42.590,
294.201

■ 34, 18.121,
285.289

■ 17, 49.095,
296.983

■ 37, 12.481,
283.716

■ 15, 55.472,
299.740

■ 41, 7.006, 282.364

■ 13, 59.587,
301.312

■ 44, 1.684, 281.234

■ 48, 3.495, 100.132

■ 51, 8.538, 99.263

■ 54, 13.452, 98.492

■ 58, 18.243, 97.812

Harmonies

Complementary

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



27, 29.960, 289.204



41, 27.775, 94.896

Rectangle

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



27, 29.960, 289.204



27, 29.960, 339.204



27, 29.960, 109.204



27, 29.960, 159.204

Sweetspot

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



27, 29.960, 289.205



51, 10.631, 282.779



41, 21.798, 178.251



26, 7.249, 282.980



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



27, 29.960, 289.205



31, 45.896, 292.236



25, 37.758, 305.616



20, 2.963, 281.851



15, 64.158, 301.602



35, 116.026, 303.105

Inverse Universe

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



29, 27.099, 10.799



35, 40.763, 13.883



43, 33.790, 118.983



21, 2.629, 4.510



23, 51.553, 27.578



51, 91.388, 31.019

Previews

White Background



This preview shows how the CIE LCh color 27, 29.960, 289.204 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 CIE LCh color 27, 29.960, 289.204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

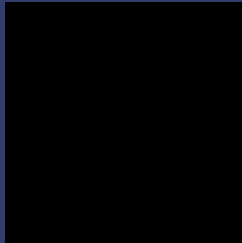
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 29.960, 289.204

Background



This preview shows how black text looks on a background with the CIELCh color 27, 29.960, 289.204.



This preview shows how white text looks on a background with the CIELCh color 27, 29.960, 289.204.

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, 29.960, 289.204

Protanopia

27, 30.113, 285.492

Deuteranopia

27, 28.044, 278.077



Tritanopia
27, 11.438, 217.993

Trichromacy



Original Color
27, 29.960, 289.204

Protanomaly
27, 30.042, 286.480

Deuteranomaly
27, 28.406, 281.565

Tritanomaly
27, 15.393, 262.465

Monochromacy



Original Color
27, 29.960, 289.204

Achromatopsia
27, 0.004, 296.813

Achromatomaly
26, 11.180, 284.188

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 29.960, 289.204 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(50, 61, 107)` looks like.

```
.text, #text, p{  
    color:rgb(50, 61, 107)  
}
```

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(50, 61, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 61, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 29.960, 289.204 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(50, 61, 107) }
```

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

```
.border{ border-color:rgb(50, 61, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 61, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 61, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 61, 107);  
box-shadow:4px 4px 4px 4px rgb(50, 61,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 27, 29.960, 289.204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 61, 107) }
```

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

```
.background{ background-color: rgb(50, 61,  
107) }
```

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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