

Converting Colors

CIELCh(37, 34.894, 269.577)

Have a look what the booklet for
CIELCh(37, 34.894, 269.577)
contains.

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Color

CIELCh(37, 34.920, 269.771)

Conversions

Conversions Part 1

Format	Color
Hex	195A8F
RGB	25, 90, 143
RGB Percent	10%, 35%, 56%
CMY	0.9008, 0.6464, 0.4385
CMYK	0.82, 0.37, 0.00, 0.44
HSL	207°, 70%, 33%
HSV	207°, 82%, 56%
XYZ	9.0489, 9.5379, 27.4202
YIQ	76.6070, -55.7530, 2.7030

Conversions

Conversions Part 2

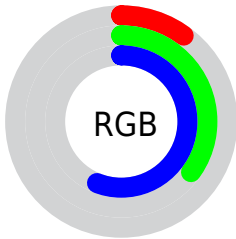
Format	Color
R _Y B	25, 67, 143
Decimal	1661583
CIE Lab	37.00, -0.14, -34.92
CIE LCh	37, 34.920, 269.771
Yxy	9.5379, 0.1967, 0.2073
Android (android.graphics.Color)	4279851663 (0xFF195A8F)
YUV	76.6070, 32.7317, -45.2593
Hunter-Lab	30.8835, -1.7455, -31.0226

Details

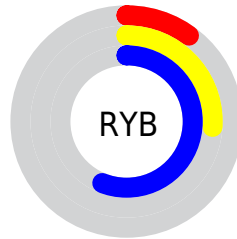
The CIELCh color **37, 34.920, 269.771** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **40, 47.171, 60.482**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 34.771, 269.259**, and **19, 32.730, 281.710** is the 20% darker color. If you saturate the color by 10%, you get **35, 38.678, 274.227**, and if you desaturate by 10%, it is **39, 31.149, 265.747**.

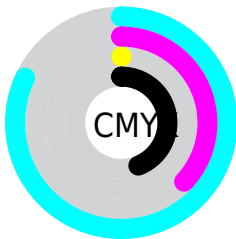
Distribution



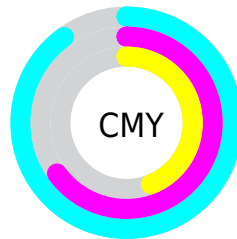
- Red (10%)
- Green (35%)
- Blue (56%)



- Red (10%)
- Yellow (26%)
- Blue (56%)



- Cyan (82%)
- Magenta (37%)
- Yellow (0%)
- Black (44%)



- Cyan (90%)
- Magenta (65%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 37, 34.920, 269.771 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 37, 34.920, 269.771 by changing the saturation by 10% instead.

■ 37, 34.920,
269.771

■ 37, 34.920,
269.771

■ 100, 34.920,
269.771

■ 27, 34.920,
269.771

■ 57, 34.920,
269.771

■ 17, 34.920,
269.771

■ 67, 34.920,
269.771

■ 7, 34.920, 269.771

■ 77, 34.920,
269.771

■ 0, 34.920, 269.771

■ 87, 34.920,
269.771

■ 97, 34.920,
269.771

■ 37, 34.920,
269.771

■ 37, 34.920,
269.771

■ 35, 38.678,
274.227

■ 39, 31.149,
265.747

■ 33, 41.656,
277.610

■ 42, 27.288,
262.229

■ 45, 23.287,
259.222

■ 47, 19.126,
256.689

■ 50, 14.807,
254.572

■ 53, 10.348,
252.808

■ 56, 5.771, 251.349

■ 59, 1.102, 250.338



Harmonies

Complementary

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



37, 34.920, 269.771



40, 47.171, 60.482

Rectangle

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



37, 34.920, 269.771



37, 34.920, 319.771



37, 34.920, 89.771



37, 34.920, 139.771

Sweetspot

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



37, 34.919, 269.772



67, 14.303, 253.337



52, 53.842, 150.091



34, 9.799, 253.890



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



37, 34.919, 269.772



43, 51.018, 278.264



21, 71.481, 302.093



29, 2.645, 250.953



31, 39.756, 277.329



1, 1.801, 249.801

Inverse Universe

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



32, 52.864, 351.484



40, 67.591, 357.003



55, 55.418, 99.617



28, 4.088, 341.703



29, 53.706, 356.287



1, 2.734, 341.038

Previews

White Background



This preview shows how the CIE LCh color 37, 34.920, 269.771 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 37, 34.920, 269.771 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 37, 34.920, 269.771

Background



This preview shows how black text looks on a background with the CIELCh color 37, 34.920, 269.771.



This preview shows how white text looks on a background with the CIELCh color 37, 34.920, 269.771.

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
37, 34.920, 269.771

Protanopia
37, 33.545, 285.492

Deuteranopia
37, 35.988, 279.147



Tritanopia
37, 23.878, 207.195

Trichromacy



Original Color
37, 34.920, 269.771

Protanomaly
37, 34.190, 278.426

Deuteranomaly
37, 35.841, 275.632

Tritanomaly
37, 24.224, 233.733

Monochromacy



Original Color
37, 34.920, 269.771

Achromatopsia
33, 0.005, 296.813

Achromatomaly
34, 14.364, 255.416

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 34.920, 269.771 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(25, 90, 143)` looks like.

```
.text, #text, p{  
    color:rgb(25, 90, 143)  
}
```

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(25, 90, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 90, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 34.920, 269.771 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(25, 90, 143) }
```

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

```
.border{ border-color:rgb(25, 90, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 90, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 90, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 90, 143);  
box-shadow:4px 4px 4px 4px rgb(25, 90,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 34.920, 269.771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 90, 143) }
```

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

```
.background{ background-color: rgb(25, 90,  
143) }
```

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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