

Converting Colors

CIELCh(17, 39.893, 295.052)

Have a look what the booklet for
CIELCh(17, 39.893, 295.052)
contains.

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Color

CIELCh(17, 40.009, 295.231)

Conversions

Conversions Part 1

Format	Color
Hex	19245E
RGB	25, 36, 94
RGB Percent	10%, 14%, 37%
CMY	0.9036, 0.8573, 0.6296
CMYK	0.74, 0.61, 0.00, 0.63
HSL	230°, 59%, 23%
HSV	230°, 74%, 37%
XYZ	3.0736, 2.3023, 10.9789
YIQ	39.3230, -25.1740, 15.7060

Conversions

Conversions Part 2

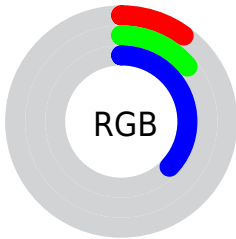
Format	Color
R_YB	25, 34, 94
Decimal	1647710
CIE Lab	17.00, 17.05, -36.19
CIE LCh	17, 40.009, 295.231
Yxy	2.3023, 0.1879, 0.1408
Android (android.graphics.Color)	4279837790 (0xFF19245E)
YUV	39.3230, 26.9558, -12.5613
Hunter-Lab	15.1734, 9.6039, -32.2785

Details

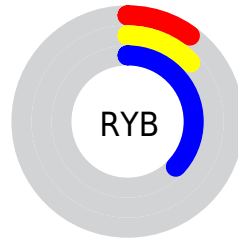
The CIELCh color **17, 40.009, 295.231** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **35, 34.414, 94.229**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 40.134, 295.793**, and **2, 30.025, 294.869** is the 20% darker color. If you saturate the color by 10%, you get **14, 46.038, 297.885**, and if you desaturate by 10%, it is **20, 34.043, 292.715**.

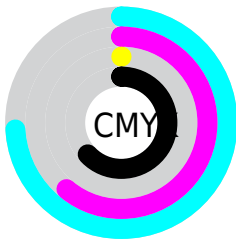
Distribution



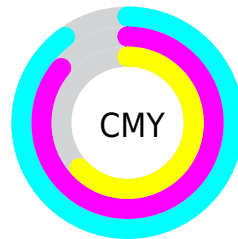
- Red (10%)
- Green (14%)
- Blue (37%)



- Red (10%)
- Yellow (13%)
- Blue (37%)



- Cyan (74%)
- Magenta (61%)
- Yellow (0%)
- Black (63%)



- Cyan (90%)
- Magenta (86%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 40.009, 295.231 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 17, 40.009, 295.231 by changing the saturation by 10% instead.

■ 17, 40.009,
295.231

■ 17, 40.009,
295.231

■ 100, 40.009,
295.231

■ 7, 40.009, 295.231

■ 37, 40.009,
295.231

■ 0, 40.009, 295.231

■ 47, 40.009,
295.231

■ 57, 40.009,
295.231

■ 67, 40.009,
295.231

■ 77, 40.009,
295.231

■ 87, 40.009,

295.231

■ 97, 40.009,
295.231

■ 17, 40.009,
295.231

■ 17, 40.009,
295.231

■ 14, 46.038,
297.885

■ 20, 34.043,
292.715

■ 12, 51.900,
300.448

■ 23, 28.240,
290.424

■ 10, 55.244,
301.704

■ 26, 22.629,
288.396

■ 29, 17.206,
286.627

■ 32, 11.958,
285.097

■ 36, 6.871, 283.778

■ 39, 1.932, 282.663

■ 42, 2.868, 101.599

■ 45, 7.536, 100.751

Harmonies

Complementary

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



17, 40.009, 295.231



35, 34.414, 94.229

Rectangle

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



17, 40.009, 295.231



17, 40.009, 345.231



17, 40.009, 115.231



17, 40.009, 165.231

Sweetspot

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



17, 40.009, 295.232



43, 13.553, 284.912



36, 24.737, 177.355



20, 9.043, 285.141



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



17, 40.009, 295.232



18, 60.774, 299.923



16, 47.769, 307.683



18, 2.796, 283.183



13, 63.527, 302.269



34, 116.715, 303.749

Inverse Universe

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



21, 34.058, 17.886



25, 49.286, 24.756



37, 40.680, 119.148



18, 2.396, 6.322



22, 50.555, 29.057



50, 91.350, 32.608

Previews

White Background



This preview shows how the CIE LCh color 17, 40.009, 295.231 looks on a white background.

Color Contrast Check

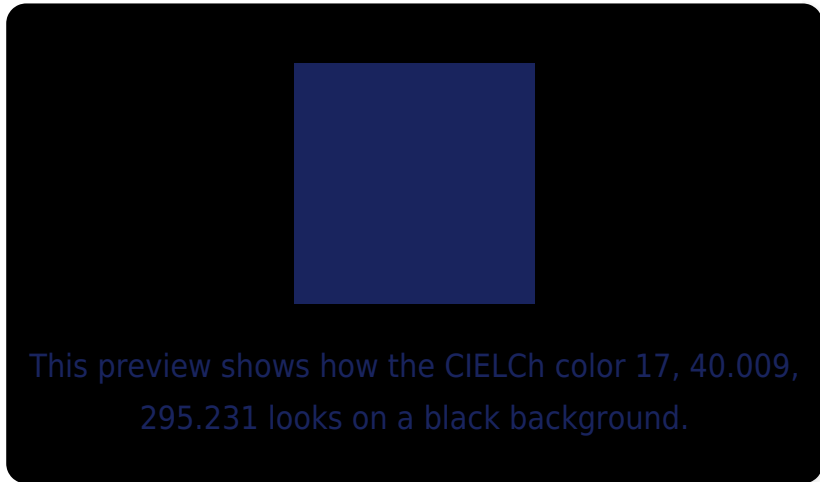
Large Text (above 18pt) WCAG AA ✓ Pass

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

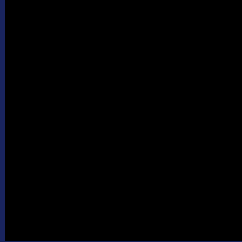
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 40.009, 295.231

Background



This preview shows how black text looks on a background with the CIELCh color 17, 40.009, 295.231.



This preview shows how white text looks on a background with the CIELCh color 17, 40.009, 295.231.

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

17, 39.987, 295.502

Protanopia

17, 31.692, 282.456

Deuteranopia

17, 23.111, 269.328



Tritanopia
17, 14.863, 204.757

Trichromacy



Original Color
17, 39.987, 295.502

Protanomaly
17, 34.842, 287.893

Deuteranomaly
17, 28.279, 281.412

Tritanomaly
16, 18.121, 261.915

Monochromacy



Original Color
17, 39.987, 295.502

Achromatopsia
16, 0.003, 296.813

Achromatomaly
16, 14.788, 288.001

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 40.009, 295.231 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, 36, 94)` looks like.

```
.text, #text, p{  
    color:rgb(25, 36, 94)  
}
```

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, 36, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 36, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 40.009, 295.231 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, 36, 94) }
```

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

```
.border{ border-color:rgb(25, 36, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 36, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 36, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 36, 94);  
box-shadow:4px 4px 4px 4px rgb(25, 36, 94)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 40.009, 295.231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 36, 94) }
```

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

```
.background{ background-color: rgb(25, 36,  
94) }
```

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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