

Converting Colors

CIELCh(36, 7.770, 63.219)

Have a look what the booklet for
CIELCh(36, 7.770, 63.219) contains.

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Color

CIELCh(36, 7.731, 59.601)

Conversions

Conversions Part 1

Format	Color
Hex	5F524A
RGB	95, 82, 74
RGB Percent	37%, 32%, 29%
CMY	0.6266, 0.6776, 0.7090
CMYK	0.00, 0.14, 0.22, 0.63
HSL	23°, 12%, 33%
HSV	23°, 22%, 37%
XYZ	9.0182, 9.0082, 7.7786
YIQ	84.9750, 10.3160, 0.2680

Conversions

Conversions Part 2

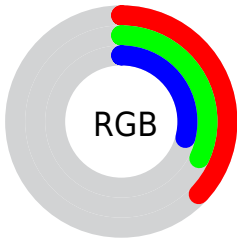
Format	Color
R_YB	95, 87, 74
Decimal	6246986
CIE Lab	36.00, 3.91, 6.67
CIE LCh	36, 7.731, 59.601
Yxy	9.0082, 0.3495, 0.3491
Android (android.graphics.Color)	4284437066 (0xFF5F524A)
YUV	84.9750, -5.4107, 8.7919
Hunter-Lab	30.0136, 1.1100, 5.6434




Details

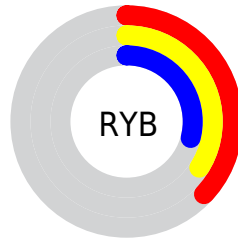
The CIELCh color **36, 7.731, 59.601** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **36, 7.031, 244.057**, and the grayscale version is **36, 0.005, 296.813**.




A 20% lighter version of the original color is **56, 7.685, 56.170**, and **16, 7.687, 59.556** is the 20% darker color. If you saturate the color by 10%, you get **34, 11.592, 58.784**, and if you desaturate by 10%, it is **38, 4.099, 60.451**.

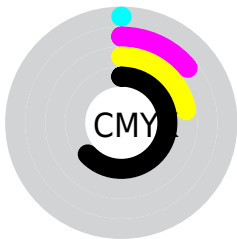
Distribution







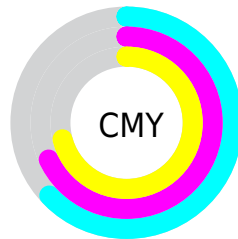
-  Red (37%)
-  Green (32%)
-  Blue (29%)






-  Red (37%)
-  Yellow (34%)
-  Blue (29%)



-  Cyan (0%)
-  Magenta (14%)
-  Yellow (22%)
-  Black (63%)




-  Cyan (63%)
-  Magenta (68%)
-  Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 7.731, 59.601 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 36, 7.731, 59.601 by changing the saturation by 10% instead.

 36, 7.731, 59.601  36, 7.731, 59.601

 100, 7.731, 59.601  26, 7.731, 59.601

 56, 7.731, 59.601  16, 7.731, 59.601

 66, 7.731, 59.601  6, 7.731, 59.601

 76, 7.731, 59.601  0, 7.731, 59.601

 86, 7.731, 59.601

 96, 7.731, 59.601

 36, 7.731, 59.601  36, 7.731, 59.601

 34, 11.592, 58.784  38, 4.099, 60.451

 32, 15.697, 57.991  40, 0.679, 61.012

■ 30, 20.048, 57.243

■ 42, 2.551, 242.405

■ 29, 24.627, 56.540

■ 44, 5.609, 243.242

■ 27, 29.373, 55.853

■ 46, 8.516, 244.110

■ 25, 34.144, 55.105

■ 48, 11.288,
244.971

■ 24, 38.388, 53.850

■ 50, 13.942,
245.816

■ 23, 41.401, 52.796

■ 52, 16.491,
246.638

■ 54, 18.947,
247.436

Harmonies

Complementary

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



36, 7.731, 59.601



36, 7.031, 244.057

Rectangle

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



36, 7.731, 59.601



36, 7.731, 109.601



36, 7.731, 239.601



36, 7.731, 289.601

Sweetspot

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



36, 7.731, 59.612



51, 2.930, 60.835



34, 12.242, 338.655



26, 1.921, 60.813



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



36, 7.731, 59.612



46, 11.562, 59.215



39, 11.135, 101.900



19, 1.914, 60.707



27, 47.964, 53.074



58, 86.781, 51.285

Inverse Universe

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



36, 7.031, 244.057



46, 10.276, 244.720



33, 11.504, 286.684



19, 1.850, 242.540



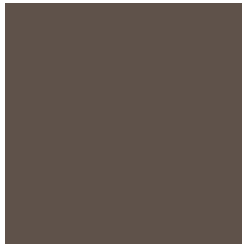
28, 29.974, 267.129



59, 54.808, 270.553

Previews

White Background



This preview shows how the CIELCh color 36, 7.731, 59.601 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 36, 7.731, 59.601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

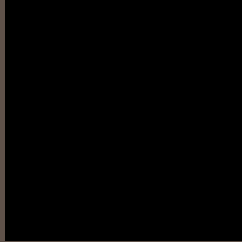
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 7.731, 59.601

Background



This preview shows how black text looks on a background with the CIELCh color 36, 7.731, 59.601.



This preview shows how white text looks on a background with the CIELCh color 36, 7.731, 59.601.

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

36, 7.731, 59.601

Protanopia

36, 5.843, 91.427

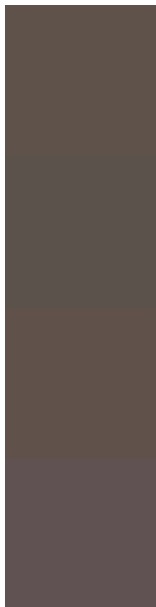
Deuteranopia

36, 8.470, 55.650



Tritanopia
36, 8.523, 350.197

Trichromacy



Original Color
36, 7.731, 59.601

Protanomaly
36, 6.123, 73.398

Deuteranomaly
36, 8.095, 57.534

Tritanomaly
36, 6.628, 15.026

Monochromacy



Original Color
36, 7.731, 59.601

Achromatopsia
36, 0.005, 296.813

Achromatomaly
36, 2.857, 59.983

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 7.731, 59.601 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(95, 82, 74)` looks like.

```
.text, #text, p{  
    color:rgb(95, 82, 74)  
}
```

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(95, 82, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 82, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 7.731, 59.601 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(95, 82, 74) }
```

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

```
.border{ border-color:rgb(95, 82, 74) }
```

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

Here you see how a box with a 4 pixel rgb(95, 82, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 82, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 82, 74);  
box-shadow:4px 4px 4px 4px rgb(95, 82, 74)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 7.731, 59.601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 82, 74) }
```

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

```
.background{ background-color: rgb(95, 82,  
74) }
```

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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