

Converting Colors

CIELCh(36, 61.971, 3.253)

Have a look what the booklet for
CIELCh(36, 61.971, 3.253) contains.

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Color

CIELCh(36, 62.056, 3.150)

Conversions

Conversions Part 1

Format	Color
Hex	A90052
RGB	169, 0, 82
RGB Percent	66%, 0%, 32%
CMY	0.3386, 0.9991, 0.6794
CMYK	0.00, 1.00, 0.52, 0.34
HSL	331°, 100%, 33%
HSV	331°, 100%, 66%
XYZ	17.8067, 9.0082, 8.7312
YIQ	59.8790, 74.4020, 61.3300

Conversions

Conversions Part 2

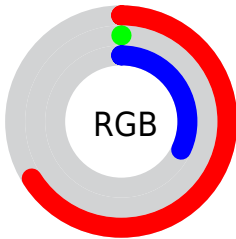
Format	Color
RYB	169, 0, 82
Decimal	11075666
CIELab	36.00, 61.96, 3.41
CIElCh	36, 62.056, 3.150
Yxy	9.0082, 0.5009, 0.2534
Android (android.graphics.Color)	4289265746 (0xFFA90052)
YUV	59.8790, 10.9057, 95.6991
Hunter-Lab	30.0136, 53.3779, 3.7615

Details

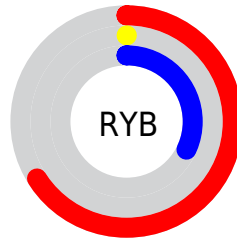
The CIELCh color **36, 62.056, 3.150** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **61, 63.980, 150.164**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **56, 62.041, 3.007**, and **22, 45.891, 14.047** is the 20% darker color. If you saturate the color by 10%, you get **36, 62.075, 3.204**, and if you desaturate by 10%, it is **37, 60.496, 359.307**.

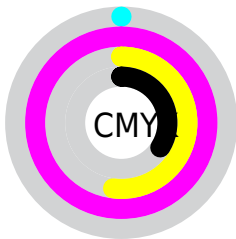
Distribution



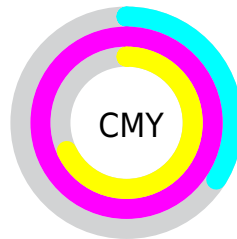
- Red (66%)
- Green (0%)
- Blue (32%)



- Red (66%)
- Yellow (0%)
- Blue (32%)



- Cyan (0%)
- Magenta (100%)
- Yellow (52%)
- Black (34%)



- Cyan (34%)
- Magenta (100%)
- Yellow (68%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 36, 62.056, 3.150 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, 62.056, 3.150 by changing the saturation by 10% instead.

 36, 62.056, 3.150  36, 62.056, 3.150

 100, 62.056, 3.150  26, 62.056, 3.150

 56, 62.056, 3.150  16, 62.056, 3.150



 66, 62.056, 3.150  6, 62.056, 3.150

 76, 62.056, 3.150  0, 62.056, 3.150

 86, 62.056, 3.150

 96, 62.056, 3.150

 36, 62.056, 3.150  36, 62.056, 3.150

 36, 62.075, 3.204  37, 60.496,
359.307

■ 39, 57.643,
356.105

■ 41, 53.096,
353.568

■ 44, 47.087,
351.539

■ 47, 40.000,
349.882

■ 51, 32.237,
348.493

■ 55, 24.135,
347.301

■ 60, 15.944,
346.253

■ 64, 7.831, 345.304

Harmonies

Complementary

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



36, 62.056, 3.150



61, 63.980, 150.164

Rectangle

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



36, 62.056, 3.150



36, 62.056, 53.150



36, 62.056, 183.150



36, 62.056, 233.150

Sweetspot

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



36, 62.053, 3.151



71, 30.026, 347.376



26, 91.433, 311.978



35, 20.474, 347.841



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



36, 62.053, 3.151



47, 75.421, 4.091



35, 76.509, 39.831



33, 4.481, 345.251



31, 56.401, 2.681



2, 7.730, 348.407

Inverse Universe

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



36, 62.053, 3.151



47, 75.421, 4.091



63, 36.763, 196.387



33, 4.481, 345.251



31, 56.401, 2.681



2, 7.730, 348.407

Previews

White Background



This preview shows how the CIELCh color 36, 62.056, 3.150 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, 62.056, 3.150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

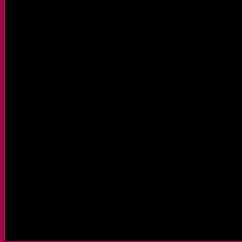
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 62.056, 3.150

Background



This preview shows how black text looks on a background with the CIELCh color 36, 62.056, 3.150.



This preview shows how white text looks on a background with the CIELCh color 36, 62.056, 3.150.

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, 62.174, 3.089

Protanopia

37, 19.847, 286.051

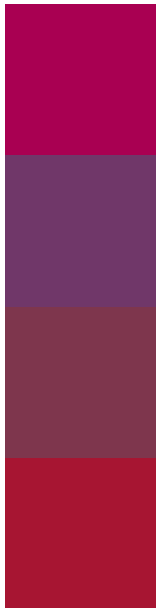
Deuteranopia

37, 9.577, 55.308



Tritanopia
37, 63.380, 33.957

Trichromacy



Original Color
36, 62.174, 3.089

Protanomaly
32, 37.414, 330.857

Deuteranomaly
33, 33.733, 2.292

Tritanomaly
36, 61.386, 22.841

Monochromacy



Original Color
36, 62.174, 3.089

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 31.850, 351.368

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 62.056, 3.150 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(169, 0, 82)` looks like.

```
.text, #text, p{  
    color:rgb(169, 0, 82)  
}
```

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(169, 0, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 0, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 62.056, 3.150 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(169, 0, 82) }
```

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

```
.border{ border-color:rgb(169, 0, 82) }
```

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

Here you see how a box with a 4 pixel rgb(169, 0, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 0, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 0, 82);  
box-shadow:4px 4px 4px 4px rgb(169, 0, 82)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 62.056, 3.150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 0, 82) }
```

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

```
.background{ background-color: rgb(169, 0,  
82) }
```

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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