

Converting Colors

CIELCh(62, 36.937, 106.054)

Have a look what the booklet for
CIELCh(62, 36.937, 106.054)
contains.

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Color

CIELCh(62, 36.526, 106.085)

Conversions

Conversions Part 1

Format	Color
Hex	999956
RGB	153, 153, 86
RGB Percent	60%, 60%, 34%
CMY	0.3984, 0.3984, 0.6613
CMYK	0.00, 0.00, 0.44, 0.40
HSL	60°, 28%, 47%
HSV	60°, 44%, 60%
XYZ	26.3650, 30.4025, 13.3615
YIQ	145.3620, 21.5070, -20.8370

Conversions

Conversions Part 2

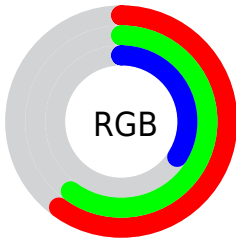
Format	Color
RYB	86, 153, 86
Decimal	10066262
CIELab	62.00, -10.12, 35.10
CIELCh	62, 36.526, 106.085
Yxy	30.4025, 0.3760, 0.4335
Android (android.graphics.Color)	4288256342 (0xFF999956)
YUV	145.3620, -29.2655, 6.6985
Hunter-Lab	55.1385, -11.1408, 24.2294

Details

The CIELCh color $62, 36.526, 106.085$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $40, 40.880, 296.042$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 36.438, 105.643$, and $42, 36.441, 106.242$ is the 20% darker color. If you saturate the color by 10%, you get $62, 44.191, 105.230$, and if you desaturate by 10%, it is $62, 28.456, 106.998$.

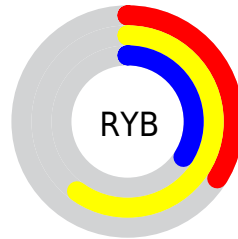
Distribution



Red (60%)

Green (60%)

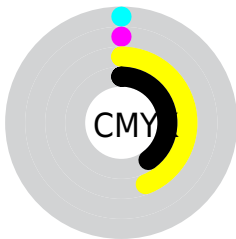
Blue (34%)



Red (34%)

Yellow (60%)

Blue (34%)

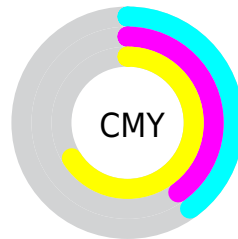


Cyan (0%)

Magenta (0%)

Yellow (44%)

Black (40%)



Cyan (40%)


Magenta (40%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 36.526, 106.085 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 62, 36.526, 106.085 by changing the saturation by 10% instead.


 62, 36.526,
106.085


 62, 36.526,
106.085


 100, 36.526,
106.085


 52, 36.526,
106.085


 82, 36.526,
106.085

 42, 36.526,
106.085

 92, 36.526,
106.085

 32, 36.526,
106.085

 22, 36.526,
106.085

 12, 36.526,
106.085

 2, 36.526, 106.085

 0, 36.526, 106.085

■ 62, 36.526,
106.085

■ 62, 36.526,
106.085

■ 62, 44.191,
105.230

■ 62, 28.456,
106.998

■ 62, 51.209,
104.456

■ 63, 20.140,
107.936

■ 62, 57.253,
103.801

■ 63, 11.683,
108.882

■ 61, 61.935,
103.303

■ 63, 3.154, 109.813

■ 61, 64.930,
102.989

■ 64, 5.403, 290.765

■ 61, 66.309,
102.845

■ 64, 13.957,
291.658

■ 65, 22.488,
292.524

■ 65, 30.980,
293.354

■ 66, 39.423,
294.145

Harmonies

Complementary

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



62, 36.526, 106.085



40, 40.880, 296.042

Rectangle

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



62, 36.526, 106.085



62, 36.526, 156.085



62, 36.526, 286.085



62, 36.526, 336.085

Sweetspot

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



62, 36.527, 106.088



80, 13.704, 108.924



45, 30.079, 22.535



42, 9.559, 108.730



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



62, 36.527, 106.088



78, 52.948, 105.287



60, 39.226, 126.472



32, 4.814, 109.303



57, 62.107, 102.846



3, 5.228, 110.172

Inverse Universe

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



40, 40.880, 296.042



45, 61.260, 297.846



43, 41.844, 310.690



29, 4.917, 291.104



15, 85.759, 306.285



0, 5.229, 290.174

Previews

White Background



This preview shows how the CIELCh color 62, 36.526, 106.085 looks on a white 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

Black Background



This preview shows how the CIELCh color 62, 36.526, 106.085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

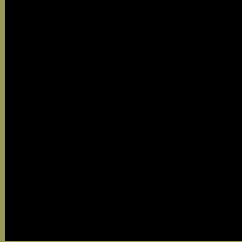
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 36.526, 106.085

Background



This preview shows how black text looks on a background with the CIELCh color 62, 36.526, 106.085.



This preview shows how white text looks on a background with the CIELCh color 62, 36.526, 106.085.

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


62, 36.526, 106.085

Protanopia

62, 36.188, 96.240

Deuteranopia

62, 35.119, 76.839



Tritanopia
62, 9.150, 332.943

Trichromacy



Original Color
62, 36.526, 106.085

Protanomaly
62, 36.320, 99.802

Deuteranomaly
62, 34.572, 87.637

Tritanomaly
62, 10.342, 85.898

Monochromacy



Original Color
62, 36.526, 106.085

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 13.964, 108.599

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 36.526, 106.085 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(153, 153, 86)` looks like.

```
.text, #text, p{  
    color:rgb(153, 153, 86)  
}
```

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(153, 153, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 153, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 36.526, 106.085 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(153, 153, 86) }
```

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

```
.border{ border-color:rgb(153, 153, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 153, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 153, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 153, 86);  
box-shadow:4px 4px 4px 4px rgb(153, 153,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 36.526, 106.085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 153, 86) }
```

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

```
.background{ background-color: rgb(153,  
153, 86) }
```

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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