

Converting Colors

CIELCh(72, 23.406, 35.957)

Have a look what the booklet for
CIELCh(72, 23.406, 35.957) contains.

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Color

CIELCh(72, 23.652, 35.729)

Conversions

Conversions Part 1

Format	Color
Hex	DBA398
RGB	219, 163, 152
RGB Percent	86%, 64%, 60%
CMY	0.1401, 0.3598, 0.4030
CMYK	0.00, 0.26, 0.31, 0.14
HSL	10°, 48%, 73%
HSV	10°, 31%, 86%
XYZ	48.1225, 43.6590, 35.7011
YIQ	178.4900, 36.9070, 8.4510

Conversions

Conversions Part 2

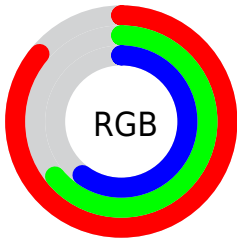
Format	Color
R _Y B	219, 165, 152
Decimal	14394264
CIE Lab	72.00, 19.20, 13.81
CIE LCh	72, 23.652, 35.729
Yxy	43.6590, 0.3775, 0.3425
Android (android.graphics.Color)	4292584344 (0xFFDBA398)
YUV	178.4900, -13.0596, 35.5273
Hunter-Lab	66.0750, 14.3707, 14.2174

Details

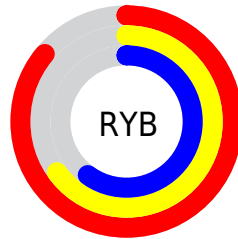
The CIELCh color **72, 23.652, 35.729** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **80, 19.040, 216.253**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 15.322, 44.057**, and **52, 23.823, 35.749** is the 20% darker color. If you saturate the color by 10%, you get **67, 32.719, 36.195**, and if you desaturate by 10%, it is **77, 15.258, 35.466**.

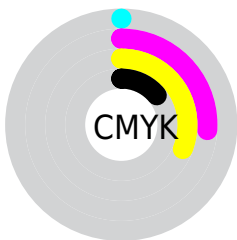
Distribution



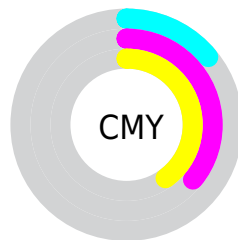
- Red (86%)
- Green (64%)
- Blue (60%)



- Red (86%)
- Yellow (65%)
- Blue (60%)



- Cyan (0%)
- Magenta (26%)
- Yellow (31%)
- Black (14%)



- Cyan (14%)
- Magenta (36%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 23.652, 35.729 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 72, 23.652, 35.729 by changing the saturation by 10% instead.

 72, 23.652, 35.729

 72, 23.652, 35.729

 100, 23.652,
35.729

 62, 23.652, 35.729

 92, 23.652, 35.729

 52, 23.652, 35.729

 42, 23.652, 35.729

 32, 23.652, 35.729

 22, 23.652, 35.729

 12, 23.652, 35.729

 2, 23.652, 35.729

 0, 23.652, 35.729

 72, 23.652, 35.729

 72, 23.652, 35.729

67, 32.719, 36.195

77, 15.258, 35.466

63, 42.444, 36.897

82, 7.518, 35.324

59, 52.738, 37.878

87, 0.386, 33.888

55, 63.389, 39.139

92, 6.196, 215.614

52, 73.946, 40.562

98, 11.998,
199.001

49, 83.399, 41.745

98, 12.040,
198.702

47, 90.089, 42.271

Harmonies

Complementary

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



72, 23.652, 35.729



80, 19.040, 216.253

Rectangle

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



72, 23.652, 35.729



72, 23.652, 85.729



72, 23.652, 215.729



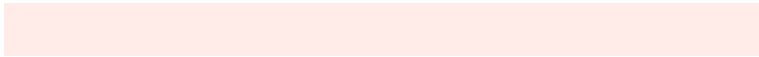
72, 23.652, 265.729

Sweetspot

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



72, 23.650, 35.735



95, 7.193, 35.306



71, 38.988, 330.709



50, 5.029, 35.324



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 23.650, 35.735



79, 33.282, 36.022



80, 25.000, 85.796



43, 4.021, 35.310



37, 75.259, 42.599



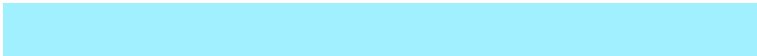
7, 21.401, 29.129

Inverse Universe

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



80, 19.040, 216.253



90, 25.330, 216.647



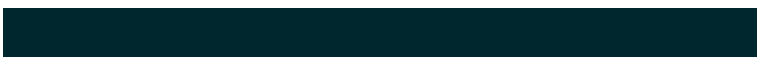
71, 24.670, 274.569



45, 3.786, 215.619



55, 32.606, 227.589



13, 13.161, 221.523

Previews

White Background



This preview shows how the CIELCh color 72, 23.652, 35.729 looks on a white background.

Color Contrast Check

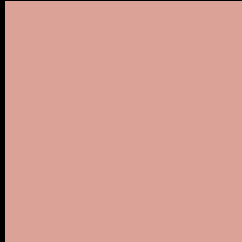
Large Text (above 18pt) WCAG AA × Fail

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 72, 23.652, 35.729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

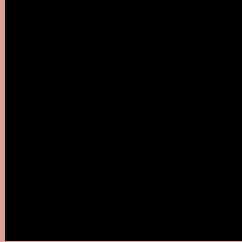
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 23.652, 35.729

Background



This preview shows how black text looks on a background with the CIELCh color 72, 23.652, 35.729.



This preview shows how white text looks on a background with the CIELCh color 72, 23.652, 35.729.

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

72, 23.652, 35.729

Protanopia

72, 9.721, 90.485

Deuteranopia

72, 16.951, 57.385



Tritanopia
72, 24.611, 5.277

Trichromacy



Original Color
72, 23.652, 35.729

Protanomaly
72, 12.867, 56.046

Deuteranomaly
72, 19.139, 49.117

Tritanomaly
72, 23.377, 16.310

Monochromacy



Original Color
72, 23.652, 35.729

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 8.402, 34.904

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 23.652, 35.729 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(219, 163, 152)` looks like.

```
.text, #text, p{  
    color:rgb(219, 163, 152)  
}
```

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(219, 163, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 163, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 23.652, 35.729 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(219, 163, 152) }
```

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

```
.border{ border-color:rgb(219, 163, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 163, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 163, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 163, 152);  
box-shadow:4px 4px 4px 4px rgb(219, 163,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 23.652, 35.729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 163, 152) }
```

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

```
.background{ background-color: rgb(219,  
163, 152) }
```

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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