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# StripColorBalanceData(bpy\_struct)

base class — [bpy\\_struct](#)

subclasses — [StripColorBalance](#)

**class** bpy.types.StripColorBalanceData(bpy\_struct)

Color balance parameters for a sequence strip and its modifiers

## correction\_method

- `LIFT_GAMMA_GAIN` Lift/Gamma/Gain.
- `OFFSET_POWER_SLOPE` Offset/Power/Slope (ASC-CDL) – ASC-CDL standard color correction.

### TYPE:

enum in ['LIFT\_GAMMA\_GAIN', 'OFFSET\_POWER\_SLOPE'], default 'LIFT\_GAMMA\_GAIN'

## gain

Color balance gain (highlights)

### TYPE:

[mathutils.Color](#) of 3 items in [0, inf], default (1.0, 1.0, 1.0)

## gamma

Color balance gamma (midtones)

### TYPE:

[mathutils.Color](#) of 3 items in [0, inf], default (1.0, 1.0, 1.0)

## invert\_gain

Invert the gain color

### TYPE:

boolean, default False

## invert\_gamma

Invert the gamma color

### TYPE:

boolean, default False

## invert\_lift

Invert the lift color

### TYPE:

boolean, default False

## invert\_offset

Invert the offset color

### TYPE:

boolean, default False

## invert\_power

Invert the power color

### TYPE:

boolean, default False

boolean, default False

### **invert\_slope**

Invert the slope color

#### **TYPE:**

boolean, default False

### **lift**

Color balance lift (shadows)

#### **TYPE:**

`mathutils.Color` of 3 items in [0, inf], default (1.0, 1.0, 1.0)

### **offset**

Correction for entire tonal range

#### **TYPE:**

`mathutils.Color` of 3 items in [0, inf], default (1.0, 1.0, 1.0)

### **power**

Correction for midtones

#### **TYPE:**

`mathutils.Color` of 3 items in [0, inf], default (1.0, 1.0, 1.0)

### **slope**

Correction for highlights

#### **TYPE:**

`mathutils.Color` of 3 items in [0, inf], default (1.0, 1.0, 1.0)

### **classmethod bl\_rna\_get\_subclass(id, default=None)**

#### **PARAMETERS:**

**id** (*str*) – The RNA type identifier.

#### **RETURNS:**

The RNA type or default when not found.

#### **RETURN TYPE:**

`bpy.types.Struct` subclass

### **classmethod bl\_rna\_get\_subclass\_py(id, default=None)**

#### **PARAMETERS:**

**id** (*str*) – The RNA type identifier.

#### **RETURNS:**

The class or default when not found.

#### **RETURN TYPE:**

type

## **Inherited Properties**

- `bpy_struct.id_data`

## **Inherited Functions**

- `bpy_struct.as_pointer`
- `bpy_struct.driver_add`
- `bpy_struct.driver_remove`
- `bpy_struct.get`
- `bpy_struct.id_properties_clear`
- `bpy_struct.id_properties_ensure`
- `bpy_struct.id_properties_ui`
- `bpy_struct.is_property_hidden`
- `bpy_struct.is_property_overridable_library`
- `bpy_struct.is_property_readonly`
- `bpy_struct.is_property_set`
- `bpy_struct.items`
- `bpy_struct.keyframe_delete`
- `bpy_struct.keyframe_insert`
- `bpy_struct.keys`
- `bpy_struct.path_from_id`
- `bpy_struct.path_resolve`
- `bpy_struct.pop`
- `bpy_struct.property_overridable_library_set`
- `bpy_struct.property_unset`
- `bpy_struct.type_recast`
- `bpy_struct.values`

## References

- `ColorBalanceModifier.color_balance`